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नई दिल्ली, शनिवार, जून 13, 1992 (ज्येष्ठ 23, 1914)

No. 24]

NEW DELHI, SATURDAY, JUNE 13, 1992 (JYAISTHA 23, 1914)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 13th June, 1992

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial Jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
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Lower Parel (West), Bombay-400 013.

The States of Gujarat, Maharashtra and Madhya Pradesh and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

1—107 GI/92

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 13 जून 1992

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दिव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
स्वस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।
तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप
मिनिक्काय तथा अमिनिदिक् द्वीप

तार पता—“पेटेंटॉफिस”—

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का उच्च शोध क्षेत्र

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-
क्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे ।

ब्लॉक :—शुल्कों की अदायगी या तो नकद की जायगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
डाक आदेश या जहां उपर्युक्त कार्यालय अवस्थित
है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुग-
तान योग्य बैंक अफ्ट अथवा चैक द्वारा की जा सकती है ।

GOVERNMENT OF INDIA

THE PATENT OFFICE

The 13th June 1992

Applications for patents filed at the Patent Office Branch,
Municipal Market Building, 3rd Floor, Karol Bagh, New
Delhi-110005.

16th March 1992

233/Del/92. The Procter & Gamble Co., “Mild personal
cleansing bars with improved processability”.

234/Del/92. The Procter & Gamble Co., “Processes for puri-
fying psyllium husk”.

235/Del/92. Sony Corporation “Coding apparatus or method for
digital audio signal”.

236/Del/92. Dominc Printing Sciences P.L.C., “Piezoelectric
or electrostrictive actuators”. (Convention date
20th March, 1991) (U.K.).

The 17th March, 1992

237/Del/92. Rice Tec Inc “Milling process for controlling
rice cooking characteristics”.

238/Del/92. Max Factor K. & other, “Cosmetics”

239/Del/92. Norsk Hydro A.S., “Apparatus for automatic
level control in a closed channel or container for
transport and/or distribution of fluidisable material”.

240/Del/92. Prime Bertocchi, “A procedure for the prepara-
tion of vegetable pulp destined for juice and puree
extraction, and a device for the enacting of the
said procedure”.

241/Del/92. T. J. Gundlach Machine Co., “Traversing roll
breaker apparatus”.

242/Del/92. Simmons Rand Co., “Improvements in industrial
solid tires”.

243/Del/92. Warman International Ltd. “Impeller annular
seal”. (Convention date 22nd March, 91)
(Australia).

The 18th March 1992

244/Del/92. Boryung Pharmaceutical Co. Ltd., “Process for
preparing pyrrolidine carboxylic acid derivatives”.

245/Del/92. The Gillette Co., “Safety razor” (Convention
date 2nd April, 91) (U.K.).

The 20th March, 1992

246/Del/92. Shashi Tandon, “Improved domestic water filter-
ing apparatus”.

247/Del/92. M&FC Holding Co., “A plastic ball valve and
method for assembling same”.

248/Del/92. AMP Incorporated, “Improved frames and
rams for terminal applicators”.

249/Del/92. Colgate-Palmolive Co., “Tube dispenser”.

The 23rd March, 1992

- 250/Del/92. Max Factor K. K., "Cosmetics having photo-protection properties".
- 251/Del/92. Parke, Davis & Co., "Biodegradable polymer Composition".
- 252/Del/92. Parke, Davis & Co., "Biodegradable compositions comprising starch".
- 253/Del/92. Vickers Incorporated & Other, "Pressure relief valve". (Convention date 6th April, 91) (U.K.).
- 254/Del/92. Frenkey C D Aktiengesellschaft, "Improvements in plasticizing units for screw injection moulding machines". (Convention date 26th March, 91) (U.K.).

The 24th March, 1992

- 255/Del/92. Maschinenfabrik Sulzer-Bueckhardt AG., "A piston compressor for the oilfree compression of a gas".
- 256/Del/92. Rohm GMBH, "Enzymatically aided liming and bating processes".
- 257/Del/92. Courtaulds PLC, "Fibre treatment". (Convention date 21st October, 91) (U.K.).
- 258/Del/92. Witco Corporation, "Aqueous agricultural compositions exhibiting reduced irritation and corrosion".

The 25th March, 1992

- 259/Del/92. Council of Scientific & Industrial Research, "An improved coating composition for corrosion protection of reinforcing steel and prestressing steel".
- 260/Del/92. Council of Scientific & Industrial Research, "An improved process for the preparation of Ti/ceramic TiO₂ cathode for use in the electro-reduction of nitro & di-nitro compounds".
- 261/Del/92. Council of Scientific & Industrial Research, "An improved process for the preparation of iron ore pellets".
- 262/Del/92. Council of Scientific & Industrial Research, "A process for the preparation of nickel oxide electrode suitable for the oxidation of organic compounds".
- 263/Del/92. Council of Scientific & Industrial Research, "An improved process for the batch production of high frequency injection controlled transit time effect semiconductor devices".
- 264/Del/92. Council of Scientific & Industrial Research, "An improved process for selective electroplating of noble metals".
- 265/Del/92. Council of Scientific & Industrial Research, "An improved process of controlled thinning of semiconductor wafer".
- 266/Del/92. Council of Scientific & Industrial Research, "An improved process for the preparation of tetramethylene sulfone".
- 267/Del/92. Council of Scientific & Industrial Research, "An improved process of fabricating packages for micro and MM-wave injection controlled transit time effect semiconductor devices".

The 25th March, 1992

- 268/Del/92. John P. Edgar, "Incandescent mantles".

The 26th March, 1992

- 269/Del/92. McLaren Cars Ltd, "Improvements in or relating to vehicles". (Convention date 9th April, 91) (U.K.).
- 270/Del/92. Custom Expressions, Inc. "System for creating and producing custom card products".

The 27th March, 1992

- 271/Del/92. Clark Equipment Co., "Wet disc brake".
- 272/Del/92. Kabushiki Kaisha Toshiba, "Inverter system".

30th March, 92

- 273/Del/92. Dr. Ruma Purkait, "Rumah caliper".
- 274/Del/92. Rohit Khanna, "An improved circuit for an automatic water pump".
- 275/Del/92. Russell Douglas Ide, "Hydrodynamic bearings having spaced bearing pads and methods of making same".
- 276/Del/92. Chief Controller Research & Development, "A process for the preparation of HTPB based composite propellant".
- 277/Del/92. Gian Parkash Bhambri, "A process for the recovery of chemicals from the black liquor".
- 278/Del/92. Sunita P Bansal, "A process for the determination of oil contents in various oil seeds".
- 279/Del/92. Council of Scientific & Industrial Research, "A process for the manufacture of acetonitrile".
- 280/Del/92. Council of Scientific & Industrial Research, "A process for the preparation of a novel promoted zinc chromite catalyst for the production of 2-methylpyrazine (2-MP) from ethylene diamine and propylene glycol".
- 281/Del/92. Council of Scientific & Industrial Research, "An improved process for the production of 2-methylpyrazine (2-MP) from ethylene-diamine and propylene glycol".
- 282/Del/92. Council of Scientific & Industrial Research, "A biosensor useful for the determination of biological oxygen demand".
- 283/Del/92. BP Chemicals Ltd, "Catalysts and processes for the manufacture of vinyl acetate".
- 284/Del/92. Scapa Group PLC, "Papermachine clothing. (Convention date 5th April, 91) (U.K.).
- 285/Del/92. Societe De Conseils De Recherches Et D'Applications Scientifiques (S.C.R.A.S.), "Preparation process of ginkgolide B from ginkgolide C". (Convention date 9th April, 91) (U.K.).
- 286/Del/92. Motorola Inc, "Channel acquisition method and apparatus for a communication system".
- 287/Del/92. Rajnish Kumar & Sushma Kumar, "Non stop trains".

The 31st March, 1992

- 288/Del/92. Satanadyne Automotive Corp, "Distributor type fuel injection pump".
- 289/Del/92. Otsuka Pharmaceutical Co. Ltd., "Biguanide derivatives, manufacturing method thereof, and disinfectants containing the derivatives".
- 290/Del/92. Kitamura Kiden Co. Ltd., "Transformer coil winding apparatus for winding wire on coil bobbin with correctly counting winding number and enabling high speed winding operation".
- 291/Del/92. The Johnson Corporation, "Rotary joint with extended life seal".

The 31st March, 1992

- 292/Del/92. Shell Internationale Research Maatschappij B.V., "Cross-linked epoxy functionalized poly-diene block polymers, process to prepare them, adhesive compositions and starting block copolymer".

The 1st April, 1992

- 293/Del/92. Eighth Milicu Nominees Pty Ltd., "Improvements relating to manufacturing of silage fodder". (Convention date 4th April, 91) (Australia).
- 294/Del/92. Ong Say Kiat. "Method of constructing a roadway". (Convention date 18th April, 91) (U.K.).
- 295/Del/92. The Lubrizol Corporation, "A fuel composition". (Divisional date 19th January, 1989).
- 296/Del/92. Laboratories Del Dr. Esteve, S.A., "Novel non-sedative antihistaminics derived from benzimidazoles".

The 2nd April, 1992

- 297/Del/92. The Procter & Gamble Co., "Nonionic soil release agents".
- 298/Del/92. The Procter & Gamble Co., "Hair conditioning shampoo compositions with silicone conditioning agent".
- 299/Del/92. Richardson-Vicks, Inc, "Stabilized emulsion compositions for imparting an artificial tan to human skin".

The 3rd April, 1992

- 300/Del/92. Golden Industries Ltd., "An improved connecting rod for use in a door lock".

ALTERATION OF DATE UNDER SECTION-16

170902 Filed on JUN 1987.

(467/Del/87) Ante-dated to 01 MAR 1984.

The following person has been registered as a Patent Agent under Sub-Section (1)(c)(i) of Section 126 of the Patents Act, 1970.

Bibek Narayan Nandi
2, Gopal Bannerjee Lane
Calcutta-700026.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents of any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आयदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।

नीचे सूचीगत विनिर्देशों की मीश्रित संश्लेष मूर्तियां, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु. है।

(अतिरिक्त शक खर्च)। मूर्तित विनिर्देश की आपूर्ति हेतु मांग पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां दी गई कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Ind Class - 144-E,2 - [GROUP - XI] (3)

170891

Int. Cl.⁴ - C 09 D 5/08

AN IMPROVED PROCESS FOR PREPARING A PAINT OR VARNISH COMPOSITION FOR COATING ON A METAL SUBSTRATE.

Applicant : ALCAN INTERNATIONAL LIMITED, A CANADIAN COMPANY, 1188 SHERBROOKE STREET WEST, MONETREAL, QUEBEC, CANADA, H3A 3GZ.

Inventors : (1) HERBERT FRANK ASKEW, (2) ANTHONY ROLAND EMERY, (3) JOHN HARRY WALLACE TURNER.

Application No. 186/MAS/88 filed March 22, 1988.

Convention date : March 24, 1987; (No. 8706915; United Kingdom)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

Claims. No. Drawing

An improved process for preparing a paint or varnish composition for coating on a metal substrat comprising adding up to 10% by weight of an environmentally non-hazardous anticorrosion agent optionally containing a pig meat and diluent to a known medium for paint or varnish followed by adding up 7% by weight of a drir slected from aluminium compounds such as aluminium alkoxid, substituted aluminium alkoxide or an oxaluminium compound containing organic substituents.

(Com. — 8 pages)

Ind. Class—13 0-H [GROUP—XXXIII (7)] 170892

Int. Cl. 4—C 22 B 58/00

PROCESS FOR EXTRACTING GALLIUM FROM A HIGHLY BASIC AQUEOUS SOLUTION OF SODIUM ALUMINATE.

Applicant : RHONE—POULENC CHIMIE, A FRENCH BODY CORORPATE OF 25 QUAI PAUL DOUMER, 92408 COURBEVOIE FRANCH.

Inventors : (1) JEAN-LOUIS SABOT
(2) RICHARD FITOUSSI

Application No. 284/MAS/88 filed May 3, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

Process for extracting gallium from a highly basic aqueous solution of sodium aluminate containing the same, which comprises :

(i) extrating the gallium from the said highly basic aqueous solution by liquid-liquid extraction in manner known *per se* using a water-immiscible organic phase consisting principally of an organic extractant known *per se* and a water-immiscible organic solvent for said extractant;

(ii) washing the said organic phase, containing the gallium, from stage (i) with a first solution of a strong inorganic acid having either (a) a concentration of H^+ ions less than 1N or (b) a concentration of H^+ ions at least equal to 1N and a halide ion concentration of at least 4M to produce an acid aqueous effluent and a washed organic phase;

(iii) extracting the gallium from the said washed organic phase from stage (ii) with a second solution of a strong inorganic acid having a concentration of H^+ ions from 1.5 to 6N and a concentration of halide ions of at most 2.5M to produce an acid gallium-containing solution;

(iv) adding a source of halide ions to adjust the concentration of halide ions of the acid gallium-containing solution obtained in stage (iii) in the range of 3.5 to 8M :

(v) selectively extracting in manner known *per se* the gallium from the acid solution from stage (iv) and

(vi) recovering the gallium thus extracted and the gallium-depleted acid solution from stage (v), and reusing the recovered acid solution in stage (ii) as the said first acid solution, if necessary after adjustment of the concentration of H^+ and halide ions to within the ranges hereinbefore specified for the first acid solution.

(Com. - 24 pages;

Drawgs. - 2 sheets)

Ind. Cl. : 175 F [GROUP XLV(3)]

170893

Int. Cl. : F 16 J 15/08.

A COMPOSITE GASKET.

Applicant : DANA CORPORATION, A CORPORATION OF THE STATE OF VIRGINIA OF 4500 DORR STREET, TOLEDO, OHIO 43615, UNITED STATES OF AMERICA.

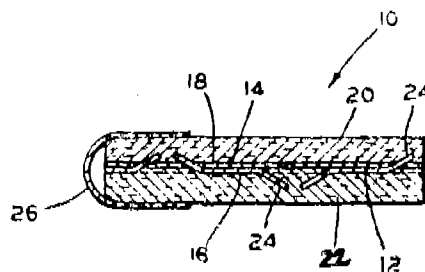
Inventor : Paul E. Gallo.

Application No. 405/MAS/ filed on 15th June 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rule, 1972), Patent Office Branch, Madras.

11 Claims

A composite gasket comprising a structural metallic core having opposed planer faces, a first layer of material disposed directly against one of said faces, said first layer having a thermal conductivity greater than that of said metallic core, and a second layer of compressible gasket facing material disposed directly against said first layer, said first and second layers mechanically clinched to said core.



(Complete specification - 9 pages;

Drg. - one sheet)

Ind. Class - 191-[GROUP-XXXVII (2)]

170894

Int. C. -B 41 J 32/00

A REFILL PACK FOR VARIOUS TYPES OF NYLON RIBBON CASSETTES USED IN COMPUTER PRINTERS? ELECTRONIC TYPEWRITERS AND WORD PROCESSORS

Applicant : SHALIMAR COMPTech PRIVATE LIMITED, A COMPANY REGISTERED UNDER INDIAN COMPANIES ACT, No. 34, II CROSS, II STAGE, INDIRA NAGAR, BANGALORE-560038, KARNATAKA STATE, INDIA.

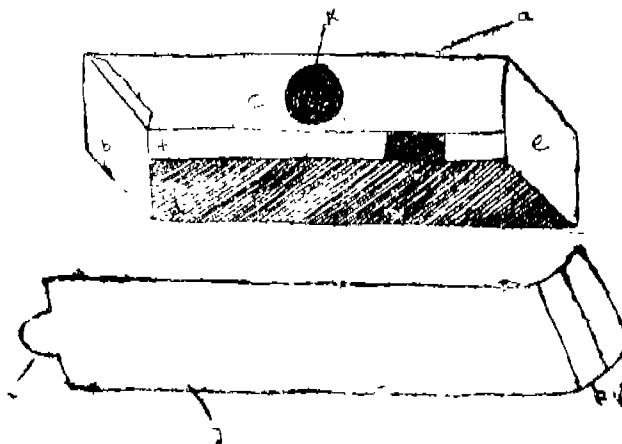
Inventor : Dr. C. SANDILL

Application No. 417/MAS/88 filed June 20, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Madras Branch

4 Claims

A refill pack for use in various types of nylon ribbon cassettes used in electronic typewriters, word processors and computer printers of different types, which consists of main shell, holding the ribbon in zip-pack form, the main shell being in the form of a box having a removable cover, the said cover having light self-locking mechanism at its one end and a small Scotch tapestrip at the other end and a stripper, which is a flat rectangular part of the pack, to keep the formation of the ribbon undisturbed, in transit during handling.



(Com. - 7 pages; Drawgs.-1 sheet)

Ind. Class-176-I-[GROUP-XLV (4)]

170895

8 Claims

Int. Cl.³ - F 23 C 11/02

AN APPARATUS FOR BURNING SOLID FUEL HAVING LOW MELTING POINT ALKALINE COMPOSITIONS, TO PRODUCE AND RECOVER HEAT ENERGY.

Applicant : A. AHLSTROM CORPORATION, A FINNISH BODY CORPORATE OF SF-29600 NOORMARKKU, FINLAND.

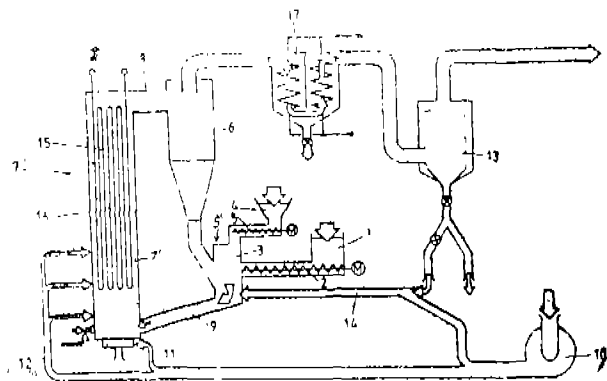
Inventors : (1) FOLKE ENGSTROM
(2) ERKKI KIISKILA
(3) PEKKA TORMIKOSKI

Application No. 423/MAS/88 filed June 21, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

An apparatus for burning solid fuel having low melting point alkaline compositions, to produce and recover heat energy, comprising : a circulating fluidized bed reactor having a reaction chamber (7') with a fluidized bed of solid material, a duct (9) for introducing solid fuel into the reaction chamber and a source (11) of gascontaining oxygen for fluidizing the bed of solid material in the reaction chamber, a cyclone separator (6) for separating solid particles from the hot exhaust gases being discharged from the reaction chamber, connected to the said duct (9) for recirculating solid particles, separated from the exhaust gases back into the reaction chamber, characterized by a mixing chamber (3) connected to the said duct (9) for mixing into the fuel a reactant material capable of reacting with the low melting point alkaline compositions of the fuel to produce high melting point alkali metal compounds during combustion of the fuel; feed screws (2, 5) for controlled feeding of fuel and reactant material into the said mixing chamber (3) and a blower (10) for controlled addition of oxygen into the reaction chamber for effecting combustion temperature so that the temperature of the reaction chamber is lower than the melting point of the alkali metal compounds produced during reaction of the reactant material with alkaline compositions of the fuel.



(Com.-14 pages; Drwgs.-1 sheet)

Int. Cl.³ — B65D 88/10

170896

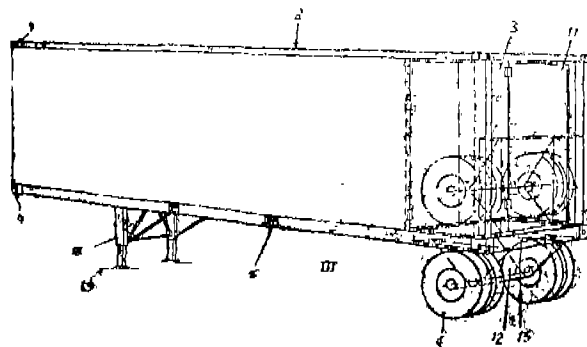
A CLOSEABLE CARGO HOLDER OF THE CONTAINER TYPE

Applicant & Inventor :: ZUNNAR STROMBERG, A CITIZEN OF SWEDEN, OF 318, N. E. 5th COURT, Apt. B, DANIA, FLORIDA 33004, UNITED STATES OF AMERICA.

Application No. 466/MAS/88 filed July 5, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

A closable cargo holder of the container type with doors (3) located at the rear, suitable for stacking with one cargo holder on top of another cargo holder on board ships or the like for freighting to the intended destination on land after unloading and to be transferred between shore and ship by means of lifting equipment, characterized in that wheels (6) are provided at the rear section (2B) of the cargo holder, between the doors (3) and a rear loading opening (11), the said wheels being movable between a storage position (Y) held inside an outer limit (7) of the cargo holder and a driving position (X) held outside the said outer limit (7) of the cargo holder, the said wheels being received in a tunnel-like passage (10), formed as a wheel reception space, and coupling means (8) is provided on the underside (9) of the container in the area of its front section (2A) for releasable connection to haulage vehicles.



(Com.—13 pages; Drwgs.-16 sheets)

Ind. Class—107-F—[GROUP-XLVI(2)]

170897

Int. Cl.⁴ — F 02P 5/145

AN ELECTRONIC SPEED LIMITER FOR TWO WHEELER MOTOR VEHICLES

Applicant : INDIA NIPPON ELECTRICALS LTD., 272 ANNA SALAI, TEYNAMPET, MADRAS-600 018, TAMIL NADU, INDIA, A COMPANY DULY ORGNISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors :: (1) MAYUR ANATACHARI SRINIVASAN
(2) RAMAN UMASHANKAR (3) KESAVALU SRINIVASAN.

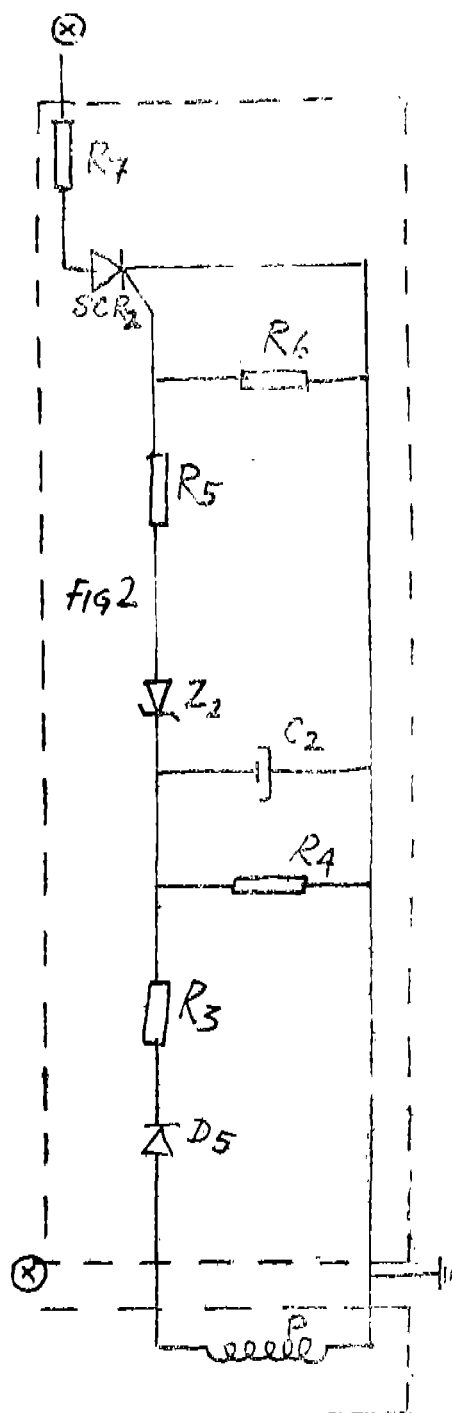
Application No. 499/MAS 88 filed July 15, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims

An electronic speed limiter for two wheeler motor vehicles incorporating a capacitive discharge electronic ignition system having a first resistive component, said limiter comprising a sensor/signal unit, and a speed control module, the said sensor signal unit consisting of a coil assembly built into the magneto of the vehicle, the output voltage of the said coil assembly being thus proportional to the speed of the engine, the speed control module having a pick-up coil for receiving the output of the coil assembly and transmitting the same to a silicon controlled rectifier through a circuit having a second resistive component, the resistance of the second component being predetermined to trigger the said rectifier only when the output voltage of the said coil assembly exceeds a given value corresponding to the cut off speed of the engine, the said rectifier, when triggered, connecting a third resistive component in parallel with the first resistive component, thereby substantially reducing the ignition advance of the said system

and thus limiting the speed of the vehicle to the cut off speed.



(Com.-6 pages; Drwgs.—1 sheet)

Ind. Class—83-A.1—[GROUP-XIV(5)]

Int. Cl.⁴ — A 23I 1/162.

PROCESS FOR THE PRODUCTION OF DRIED PASTA

Applicant : SOCIETE DES PRODUITS NESTLE S.A.,
CASE POSTALE 353, VEVEY, SWITZERLAND, A
COMPANY INCORPORATED IN SWITZERLAND.

Inventors : (1) THOMAS WILHELM HAUSER
(2) JURG LECHTHALER

Application No. 125/MAS/91 filed February 14, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims. (No drawing)

A process for the preparation of dried pastas in which a mixture of water and a ground cereal is prepared, the pasta is shaped, the shaped pasta is thermally pretreated for 5 to 150 seconds at 80 to 200°C, the pretreated pasta is precooked in boiling water and dried.

(Com-11 pages).

Ind. Class—83-B.3—[GROUP-XIV(5)]

Int. Cl.⁴ —A23L 3/16

A PROCESS FOR DEHYDRATING FOOD PRODUCTS SUCH AS SOUPS, PUREES, PORRIDGE, BEVERAGES COMPOTES.

Applicant : SOCIETE DES PRODUITS NESTLE S.A.,
CASE POSTALE 353, 1800 VEVEY, SWITZERLAND, A
COMPANY INCORPORATED IN SWITZERLAND.

Inventors : (1) ERNEST BADERTSCHER
(2) HERIBERT DUC

Application No. 174/MAS /91 filed February 28, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

A process for dehydrating food products, such as soups, purees, porridges, beverages or compotes comprising the steps of feeding the food product to two cylinders having the same diameter situated in same horizontal plane providing a space between the said cylinders through a hopper, rotating the said cylinders in opposite direction while maintaining one of the said cylinder at a predetermined temperature suitable for dehydration of said food products and keeping the other cylinder at a temperature less than 100°C, forming a film of the dehydrated food product on the outer surface of the said heated cylinder and recovering the dehydrated food product from the outer surface of the heated cylinder in a known manner.

(Com.-11 pages; Drws.-1 sheet).

Ind. Class—32-F.2(a)—[GROUP-IX(1)]

Int. Cl.⁴—C07C 01/00

A PROCESS FOR THE PREPARATION OF D-(—)-4-HYDROXY-PHENYLGLYCINE AND L-(+)-4-HYDROXY-PHENYLGLYCINE.

Applicant & Inventor : GERARD KESSELS, APARTADO,
294, 04630 GARRUCHA ALMERIA), SPAIN, A DUTCH
CITIZEN.

Application No. 221/MAS/91 filed March 18, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims (No drawing)

A process for the preparation of D-(—)-4-hydroxy-phenylglycine and L-(+)-4-hydroxyphenylglycine starting from D,L-4-hydroxyphenylglycine characterized in that the D,L-4 hydroxyphenylglycine is dissolved in a mixture of solvents at an increased temperature of 40°-100°C, which solvent mixture comprises an organic solvent, H₂SO₄ and up to 30% of water, after which the solution obtained is cooled and to the cooled solution are added D-(—)-4-hydroxyphenylglycine sulphate inoculation crystal for crystallizing the D-(—)-4-hydroxyphenylglycine sulphate, followed by filtering of the formed crystals, while for recovery of L-(+)-4-hydroxyphenylglycine sulphate remaining in the mother liquor, the mother liquor is heated, followed by addition of D,L-4-hydroxyphenylglycine and a solution of H₂SO₄ and water after which the thus obtained solution is cooled down, inoculated

with (L(+)-4-hydroxyphenylglycine sulphate crystals and the L(+)-4-hydroxyphenylglycine sulphate crystallized, if desired, the obtained sulphates can be converted in D(—)-4-hydroxyphenylglycine or in L(+)-4-hydroxyphenylglycine by hydrolysis.

(Com.-15 pages)

Ind. Cl.: 126C.

170901

Int. Cl.: G01N 11/00.

A CONSISTENCY/VISCOSITY MONITOR USEFUL FOR MEASURING THE CONSISTENCY/VISCOSITY OF A LIQUID.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: PATHAMADAI ESWARAIYER, SANKARANARAYANAN AND SHRI MARI NATESAN.

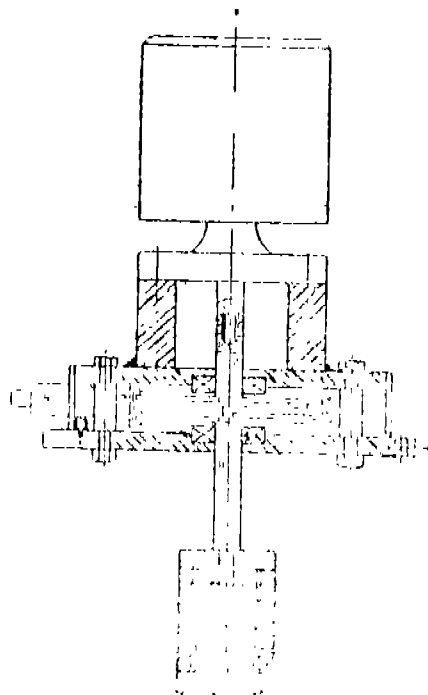
Application for Patent No 64 DEL 87 filed on 29 Jan. 1987.

Complete Specification left on 28 Apr 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 2)

A consistency/viscosity monitor useful for measuring consistency/viscosity of a liquid which comprises upper circular disc (5) and a lower circular disc (7) which are linked by a flat cantilever type spring (6), the upper circular disc being attached to a synchronous motor (1) and the lower disc being attached to a cylindrical drum (12) which is capable of rotating inside the liquid, whose consistency/viscosity is to be measured, known optical sensor (8) consisting of a phototransistor and a light emitting diode being positioned by known means at the periphery of the said discs (5 & 7) in order to sense the angular slip developed between the two discs (5 & 7) on running the motor (1) at constant speed with the drum immersed in the liquid, the said angular slip being directly proportional to the consistency/viscosity of the liquid, and a microprocessor system being connected to the said optical sensors (8) to process the data sensed & display the consistency/viscosity of the liquid.



Provisional specification 7 pages drawing sheets 2).
(Complete specification 8 pages).

Ind. Cl.: 25A.

170902.

Int. Cl.: E04C 1/28 & 1/42.

A PROCESS FOR THE MANUFACTURE OF CLASS TILES.

Applicant & Inventor: RAVI RAJ GUPTA, an Indian National of R & M Company of 4635 Ajmeri Gate, Delhi-110 006, India.

Application for Patent No. 467 DEL 87 filed on 01 Jun 1987.

Divisional to Patent Application No. 192/Del/84 filed on 1st March 1984.

Ante-dated to 1st March 1984.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 4)

A process for the manufacture of glass tiles from crushed or group glass comprising the steps of preparing a mix of said crushed or ground glass, subjecting the mix to form shaped composites, firing the composites to temperature of 750° to 1150°C for providing tiles and causing simultaneously polishing of the tiles characterised in that said mix consists of ground quartz with clay.

(Complete Specification 5 pages).

Ind. Cl.: 32A.

170903.

Int. Cl.: C07C 4/06

A PROCESS FOR THE PRODUCTION OF KEROSENE & DIESEL FROM FCC NAPHTHA.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: CHANGARAMPONNATH GOPINATHAN, JOSEPH KURUVILLA, SARADA GOPINATHAN, AMBADAS MADHAVRAO HUNDEKAR, SHARAD KESHAV PANDIT, IKKANDATH RAGHAVAN UNNY, SHILPA SHIRISH DESHPANDE & SANJEEVANI AMRIT PARDHY.

Application for Patent No. 1113 DEL 87 filed on 22 Dec 1987.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

(Claims 8)

A process for the production of kerosene and diesel from FCC naphtha which comprises contacting the said FCC naphtha having 40-60% higher olefins of 5 to 8 C-atom remaining being saturated hydrocarbon of the same C-atom with a catalyst comprising of heteropoly acid or their salt of the kind as herein described supported on a solid support as here in described and hydrogenating the product by known methods followed by distillation.

(Complete specification 10 pages).

Int. Cl.: 32F³ (a) 1x(7).

170904

Int. Cl.: 32F₃ (a) 1x(1).

PROCESS FOR THE PREPARATION OF DETHYLETHER OF DIHYDROARTEMISININ.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001 INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

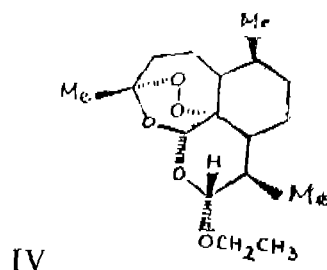
Inventor: RAM ASREY VISHWAKARMA.

Application for Patent No. 549 Del 88 filed on 28 Jun 1988.

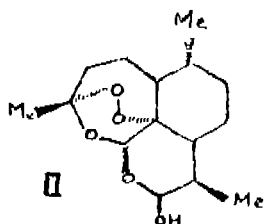
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

(Claim 2)

A process for the preparation of d-ethylether of dihydroartemisinin of the formula IV.



of the drawings accompanying the specification which comprises reacting dihydroartemisinin of formula II



with ethyliodide in dichloromethane in the presence of silver oxide at room temperature for five hrs with stirring; recovering the said ethylether formed by known methods as here in described.

(Complete Specification 5 pages drawing sheet 1).

Ind. Cl.: 40F+55F.

170905

Int. Cl.: A61 J. 3/00, 3/04.

A PROCESS FOR MAKING A TRANSDERMAL DEVICE FOR THE ADMINISTRATION OF PRIMAQUINE.

Applicant: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor: GIRISH KUMAR JAIN, SATYAWAN SINGH, RANESH CHANDRA NANDI, SUNIL KUMAR PURI, GURUPRAKASH DUTTA AND JAGAT PAL SINGH SARIN, MANOJIT MOHAN DHAR.

Application for Patent No. 917 DEL. 88 filed on 25 Oct 1988

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 3)

A process for making a transdermal device for the administration of primaquine antimarial drug which comprises fabricating a reservoir like a dish or tray from an impervious material, filling the said reservoir with a drug matrix consisting of primaquine phosphate drug and penetration enhancer like azone, dimethylsulphoxide, isopropyl palmitate, non-ionic surfactants such as herein described, closing the reservoir by fixing to the brim of the reservoir with an adhesive such as herein described a rate controlling membrane, such as herein described permeable to the said drug coating the

said rate controlling membrane on its outer side at the brim portion of the reservoir by a skin adhesive such as herein described, coating further, both the rate controlling membrane and the said skin adhesive by a thin liner made of any impervious material like thin aluminium sheet or polystyrene sheet or a metallic plastic laminate.

(Comp. Specn. 14 pages;

Drwg Sheet 1)

Ind. Cl.: 32F_{3(C)}

170906

Int. Cl.: C07C 179/06.

A PROCESS FOR THE PREPARATION OF 3-ARYL-1-HYDROXY-BUT-3-EN-2-HYDROPEROXIDES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors: CHANDAN SINGH & DHARMENDRA MISRA :

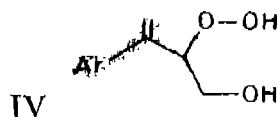
Application for Patent No. 1070 DEL 88 filed on 07 Dec 1988.

Complete specification left on 26 Dec 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 4)

A process for the preparation of 3-aryl-1-hydroxy-but-3-on-2-hydroperoxides of the formula IV shown in the drawings accompanying this specification.



where Ar represents phenyl or substituted phenyl with various electron donating and electron withdrawing groups as substituents which comprises photo oxygenation of alcohols of general formula III



by known methods where Ar has the meaning given above in the presence of an organic so that such as herein described and sensitizer, concentrating and purifying the resultant product by known methods to give compound 3-aryl-1-hydroxy-but-3-on-2-hydroperoxide of the general formula IV.

(Provn. specn. 5 pages).

(Com. specn. 6 pages;

Drwg sheets 2)

Ind. Cl.: 32F_{2C} & 55 D.

170907

Int. Cl.: C07B 125/02,

C07C 103/00, 109/18 & 125/00

A01N 33/00 & 47/10.

AN IMPROVED PROCESS FOR THE PREPARATION OF ALKYL CARBAMATES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : RAGHUNATH VITTHAL CHAUDHARI, SUNIL PURUSHOTTAM GUPTA, ASHUTOSH ANANT KELKER & DEVIDAS SHRIDHAR KOLHE.

Application for Patent No. 283 DEL 89 filed on 28 Mar 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 13)

An improved process for the preparation of alkyl carbamates which comprises reacting at least one compound selected from the group consisting of a primary alkyl amine, a secondary alkyl amine with carbon monoxide, oxygen and an organic hydroxyl compound selected from C_1 – C_{10} aliphatic monoalcohol and C_3 – C_{10} alicyclic monoalcohol in the presence of a catalyst comprising (a) at least one member selected from the group consisting of platinum group metals and compounds containing at least one platinum group element, and (b) at least one halogen-containing compound selected from the group consisting of alkali or alkaline earth metal halides, quaternary ammonium iodides, oxo acids of halogen atoms and their salts, such as herein described, at a temperature in the range of 80–350°C and at a partial pressure in the range of 5-6000 psig.

(Com. specn. 20 pages).

Ind. Cl.: 32F_{2c} & 55D₁

170908

Int. Cl.: C07B 125/02.

C08C 103/00, 109/18 & 125/00.

A01N 33/00 & 47/10.

AN IMPROVED PROCESS FOR THE PREPARATION OF ARYL-N-ALKYLCARBAMATES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

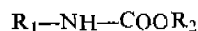
Inventors : GURUNATH HANMANTRAO KULKARNI, RAJAN HIRALAL NAIK & SRINIVASACHARI RAPAPPA.

Application for Patent No. 284 DEL 89 filed on 28 Mar 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

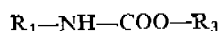
Claims (13)

An improved process for the preparation of aryl N-alkyl-carbamates of the general formula (I)



(I)

wherein R_1 is an alkyl group and R_2 is an aryl group, which comprises of reacting an alkyl N-alkyl-carbamate of the formula (VIII)



(VIII)

wherein R_1 and R_3 represent alkyl group with an appropriately substituted phenol, in the presence of a halogen containing phosphorus compound such as herein described and quenching the reaction product in water.

(Complete Specification 10 pages, Drawing Sheet 1).

Ind. Cl.: 32 F₂(b) & 55 E₄.

170909

Int. Cl.: C07D 311/30 & A61K 31/33.

A METHOD FOR THE PREPARATION OF A SUBSTITUTED FLAVONOID COMPOUND.

Applicant : LIPHA, LYONNAISE INDUSTRIELLE PHARMACEUTIQUE, A FRENCH BODY CORPORATE OF 34, RUE SAINT ROMAIN-69359 LYON CEDEX 08 (FRANCE).

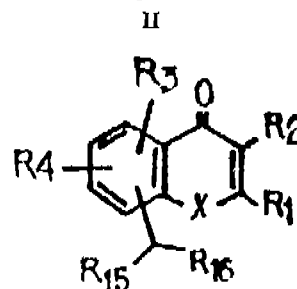
Inventors : PHILIPPE BRIET, JEAN-JACQUES BERTHELON & FRANCOIS COLLONGES.

Application for Patent No. 480/Del/89 filed on 31 May 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 2)

A method for the preparation of a substituted flavonoid of formula II of the drawings



wherein

X is N, O, Se, or S(O)_n is 0, 1 or 2;

R_1 is methyl, phenyl, substituted henyl, biphenyl, or trifluoromethyl;

R_2 is hydrogen or OH, or

R_1 and R_2 , together, form a naphthalene system fused to the hetero-ring of the flavonoid nucleus;

R_3 and R_4 are hydrogen, alkyl, C_{1-6} alkoxy, hydroxyl, halogen, or R_3 and R_4 together form a benzene system fused to the benzene ring of the flavonoid nucleus;

R_{15} is hydrogen;

and R_{16} is COOH;

when R_4 and R_{15} together form a benzene system, R_{16} is CH_2COOH ; with the proviso that when $-CR_5R_6R_7$ is situated at the 8-position of formula I and X is 0,

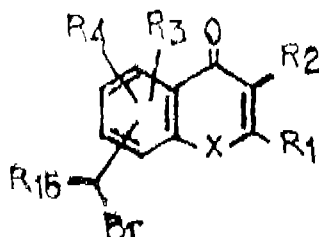
(i) when R_2 , R_3 , R_4 , R_{15} are all H, and R_{16} is COOH, R_1 is other than phenyl, 3-methoxy phenyl, 3, 4-diamethoxy phenyl, para-tolyl, 4-methoxy phenyl, or methyl;

(ii) when R_2 , R_4 and R_{15} are all H, R_3 is methyl at the 6-position (6- CH_3) of formula II and R_{16} is COOH, R_1 is other than phenyl;

(iii) when R_2 and R_3 are both H, R_4 is 6- CH_3 or 6-OH, R_{15} is H and R_{16} is COOH, R_1 is other than phenyl,

said method being characterised in that a compound of formula III of the drawings

III



wherein $R_1, R_2, R_3, R_4, R_{15}$ and X have the meaning indicated above.

is reacted with a cyanide at room temperature then the acetonitrile derivative thus obtained is hydrolyzed in presence of a mixture of acetic acid, water and H_2SO_4 in concentrated form.

(Com. specn. 132 pages;

Drwg sheets 20)

Ind. Cl.: 32F₁

170910

Int. Cl.: C07D 215/02.

A PROCESS FOR THE PREPARATION OF 4-BROMO OR 4-iodo-2, 8 BIS (TRIFLUOROMETHYL) QUINOLINE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

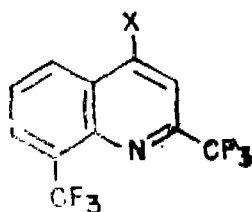
Inventors: YADAVALLI VENKATA DURGA NAGESWAR, HARSHADAS MITARAM MESHRAM & PRALHAD BALVANI RAO SATTUR.

Application for Patent No. 1043 DEL 89 filed on 10 Nov. 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 2)

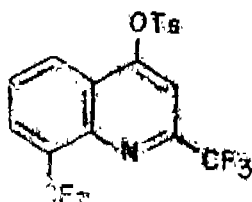
An improved process for the preparation of 4-iodo or 4-bromo-2, 8-bis (trifluoromethyl) quinoline having the general formula III of the drawing accompanying this specification,



$X = Br \text{ or } I;$

III

wherein X is iodine or bromine, which comprises reacting a compound of the formula II



II

with iodine or bromine in the presence of red phosphorous in acetic acid at a temperature ranging from $250-600^{\circ}C$ to give said compound of the formula III where X has the meaning given above.

(Com. specn. 7 pages;

Drwg sheet 1)

Ind. Cl.: 32 E & 40 B.

170917

Int. Cl.: C08F 110 00.

A PROCESS FOR THE PREPARATION OF ZIEGLER NATTA CATALYST SYSTEM.

Applicant: BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SW1W 0SU, ENGLAND.

Inventor: LASSALLE DOMINIQUE.

Application for Patent No. 860 DEL 86 filed on 30 Sept 1986.

Convention date 17 Jun 1986/8614668/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 6)

A process for the preparation of ziegler-Natta catalytic system used for polymerizing or copolymerising alpha-olefins to produce polyolefins, said process comprises preparing a particulate solid catalyst substantially free from metal carbon chemical bonds consisting of at least one compound each of halogen, transition metal from groups IV to VI (mendeleev) and magnesium in a conventional manner under substantially anhydrous condition, adding thereto as co-catalyst at least one organometallic compound of a metal belonging to groups II or III (mendeleev) characterised in that prior to adding the co-catalyst to the particulate solid catalyst, the particulate solid catalyst is treated with from 0.1 to 5 moles of water per gm atom of transition metal present in the catalyst.

(Com. specn. 32 pages)

Ind. Cl.: 187 C₃.

170912

Int. Cl.: H04M 1/00.

SUBSCRIBER UNIT FOR WIRELESS DIGITAL TELEPHONE SYSTEM.

Applicant: INTERNATIONAL MOBILE MACHINES CORPORATION A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, OF 100 NORTH 20TH STREET, PHILADELPHIA PENNSYLVANIA 19103, UNITED STATES OF AMERICA.

Inventors: DAVID NORTON CRITCHLOW, GRAHAM MARTIN AVIS, SANDRA JANE KAY, FARJAM, KARLE JOSEPH JOHNSON, BRUCE ALBERT SWETANA & GREGORY LEE WESTLING.

Application for Patent No. 937 DEL 86 filed on 23 Oct 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 8)

A subscriber unit for a wireless digital telephone system.

means (14) for selectively establishing a transmit or receive mode for the unit;

a baseband processor (22) connected to said selective mode establishing means for receiving an input signal from an input source, said input signal constituting a digitized bit stream wherein each given number of successive bits defines a symbol, transcoding said input signal in accordance with a predetermined code and acting as a function control means for said unit;

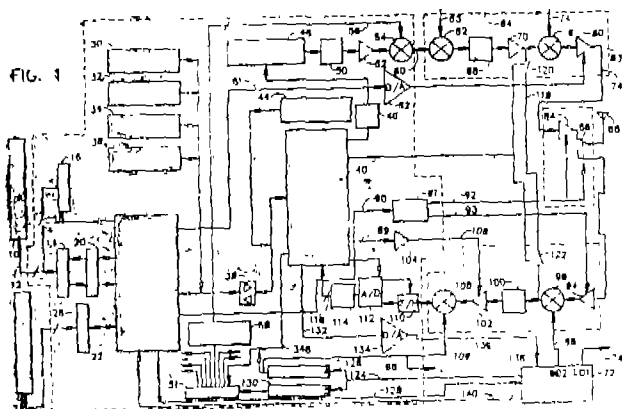
storage means (30, 32, 34, 36) coupled to said baseband processor for storing information associated with functions controlled by said baseband processor and information supplied thereto;

control means (40) coupled to said baseband processor for permitting said control means to access said baseband processor and to obtain information stored in said storage means and available to said baseband processor;

said control means having programming means (44) therefor, interpolator means (48) for increasing the sampling rate of the transcoded signal, and a frequency translator means (50) connected to said interpolator means for performing a time multiplexed quadrature mixing and translating the entire frequency spectrum of the output from said interpolator means to a second frequency spectrum to provide a time multiplexed digital signal;

a digital to analog converter (52) connected to said frequency translator means for receiving the time multiplexed digital signal from said frequency translator means and converting it into an analog signal, deglitching means (58) connected to said digital to analog converter for removing the glitch energy from said analog signal; and

means (62, 68) connected to said deglitching means for converting said analog signal to produce an amplified IF signal.



(Com. specn. 27 pages;

Drwg sheets 2)

Ind. Cl.: 206 E.

170913

Int. Cl.: H04L 5/00.

A TRANSMITTER-RECEIVER SYSTEM FOR THE TRANSMISSION OF DIGITAL DATA BY MESSAGE ORGANISED IN FRAMES.

Applicant: CIMS SINTRA, OF 26, RUE MALAKOFF, 92600 ASNIERES, FRANCE, A FRENCH CITIZEN.

Inventor: CHRISTIAN OGET.

Application for Patent No. 159 DEL 87 filed on 24 Feb 1987.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 4)

A transmitter-receiver system for the transmission of digital data by messages organised in frames, comprising transmitter and receiver stations working in duplex, wherein said transmitter station comprises:

—a transmission control circuit in said transmitter station is coupled to a transmission pointer;

—a transmission memory for storing information packets to be transmitted in said frames and for storing an acknowledgement indicator associated with each of said information packets, the input of said transmission memory being coupled to said transmission pointer which addresses said information packets;

—a frames generator coupled to the output of said transmission memory, said transmission control circuit and to an encoder which is linked to memory;

—a repetition and interlacing circuit coupled to said frame generator's output, said repetition and interlacing circuit being coupled to a transmission device and wherein said receiver station comprises a receiver which is

—a coupled to a re-ordering circuit;

—a correlating circuit coupled to said re-ordering circuit;

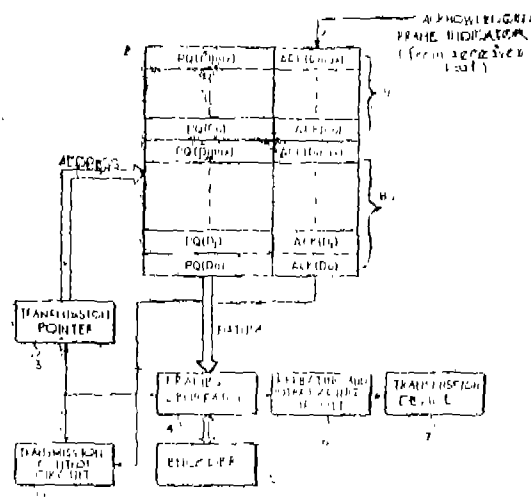
—a decision circuit functioning by majority vote coupled to the data output of said correlating circuit, and includes;

—a receiver memory for storing properly-received said information packets and for storing a reception indicator linked to said information packets, the input of said receiver memory being coupled to the validated data output of said decision circuit;

—an error-rate measuring circuit linked to the output of said correlating circuit and

—a reception control circuit connected to the output of said error-rate measuring circuit, said reception control circuit having outputs which are coupled to said decision circuit and to said re-ordering circuit, said reception control circuit being connected to said transmission memory.

Fig-1



(Com. specn. 28 pages;

Drwg sheets 6)

Ind. Cl.: 127 I L x V(1).

170914

Int. Cl.: H02 K 7/04.

DEVICE FOR AUTOMATIC BALANCING OF GRINDING WHEEL.

Applicant: LENINGRADSKOE VYSSHEE INZHENERNOE MORSKOE UCHILISCHE IMENI ADMIRALA S. O. MAKAROVA, OF KOSAYA LINIYA, 15-A LENINGRAD, U.S.S.R. AND LIPETSKY STANKOSTROITEL'NY ZAVOD, OF ULITSYA SOVETSKAYA, 66, LIPETSK, U.S.S.R.

Inventors: OLEG ALEXANDROVICH MAKAROV, VLADIMIR ISAEVICH NISENMAN, VADIM IVANOVICH PRYADLOV & JURIS PETROVICH TSIMANSKY.

Application for Patent No. 268 DEL 87 filed on 27 Mar 1987.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 7)

A device for automatic balancing of a grinding wheel, comprising an unbalance correction mechanism (5) mounted on the spindle of said grinding wheel, having a cylinder shaped housing with N Chambers (7₁, 7₂, 7₃) disposed therein, an unbalance transducer (1) located on the machine base of said grinding wheel machine for converting mechanical vibrations of the machine into an electric signal, the output of the unbalance transducer (1) being connected to a common input of a co-incidence gate (16), through an amplifier shaper (13) which converts said electric signal from the said unbalance transducer into a double level unbalance signal, the other inputs of said co-incidence gate (16) being electrically connected to the outputs of at least two chamber position pick ups (17₁, 17₂, 17₃) mounted on the said machine base, atleast one marker (21) being provided on the said unbalance correction mechanism (5) so as to provide the position pulses of said chambers when the marker (21) passes by the said chamber position pick ups (17₁, 17₂, 17₃) the outputs of the co-incidence gate (16) being connected to the inputs of a distributor unit (9) which is connected to the said chambers of the said unbalance correction mechanism, said distributor unit (9) having N hydraulic valves (10₁, 10₂, 10₃) provided with electromagnetic drives (12₁, 12₂, 12₃) to deliver a control signal to admit liquid to pass to the chambers in response to time-coincidence of the unbalance signal with the chamber position pulse.

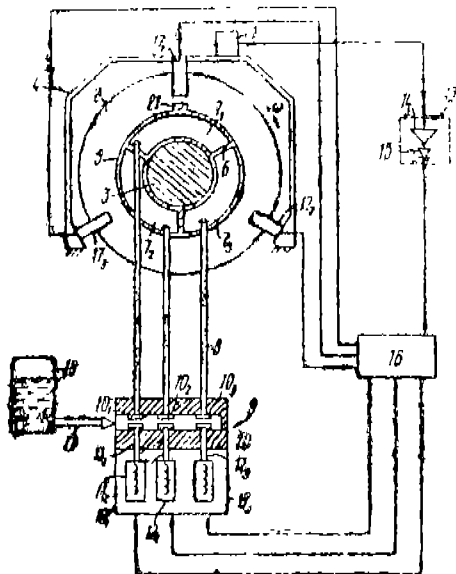


Fig. 1

Compl. Specn. 26 Pages.

Drgs. Sheets 5).

Ind Cl. : 32 F1

170915

Int. Cl. : C07D 215/02.

AN IMPROVED PROCESS FOR THE PREPARATION OF α -2-PYRIDYL-2, 8, BIS (TRIFLUOROMETHYL)-4-QUINOLINE METHANOL.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

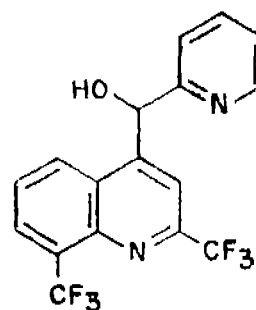
Inventors: YADAVALLI VENKATA DURGA NAGESWAR, HARSHADAS MITARAM MESHARAM & PRALHAD BALVANT RAO SATTUR.

Application for Patent No. 1044/Del/89 filed on 10 Nov 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

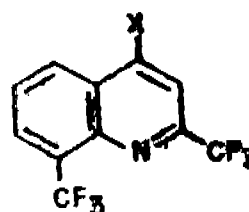
(Claims 2)

An improved process for the preparation of α -2-pyridyl-2, 8-bis (trifluoromethyl)-4-quinoline methanol represented by formula IV in the drawing accompanying this specification.



IV

which comprises reacting a compound of the formula III



X = Br or I;

III

where X=Br or I with pyridine-2-carboxaldehyde in the presence of Magnesium metal and an organic solvent and alkyl magnesium bromide having an alkyl group ranging from C₁-C₄ carbon atoms to give a compound of formula IV.

(Compl. Specn. 11 pages;

Drwg. sheet 1)

Ind Cl. : 32 F1

170916

Int. Cl. : C07D 215/02.

AN IMPROVED PROCESS FOR THE PREPARATION OF MEFLOROQUINE HYDROCHLORIDE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

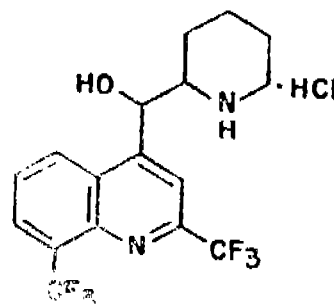
Inventors: YADAVALLI VENKATA DURGA NAGESWAR, HARSHADAS MITARAM MESHARAM & PRALHAD BALVANT RAO SATTUR.

Application for Patent No. 1045/Del/89 filed on 10 Nov 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

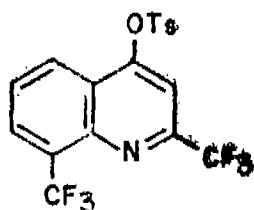
(Claims 3)

An improved process for the preparation of mefloquine hydrochloride chemically known as α -2-piperidyl-2, 8-bis (trifluoromethyl)-4-quinoline methanol having the formula V shown in the drawing accompanying this specification.



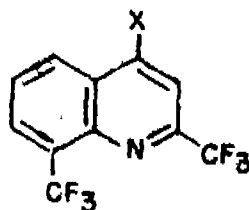
V

which comprises reacting a compound of the formula II



II

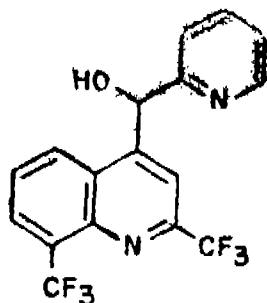
with Bromine or Iodine in acetic acid in presence of red phosphorus to get a compound of the formula III.



X = Br or I;

III

where X=Br or I, reacting the compound of formula III with pyridine-2-carboxal-dehyde in presence of magnesium to get a compound of formula IV.



IV

by conventional methods to get compound of the formula V.

(Com. specn. 7 pages;

Drwg sheet 1)

Ind. Cl.: 32 F1.

170917

Int. Cl.: C07D 215/02.

A PROCESS FOR THE PREPARATION OF 4-CYANO-2, 8-BIS-(TRIFLUOROMETHYL) QUINOLINE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

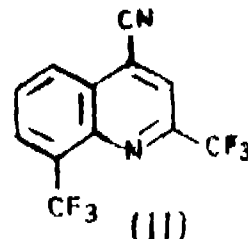
Inventors: YADAVALLI VENKATA DURGA NAGESWAR, HARSHADAS MITARAM MESHRAM, ATTALURI RAMACHANDRA PRASAD, SYED RIAZ HASHIM AND PRALHAD BALVANT RAO SATTUR.

Application for Patent No. 1099/DEL/89 filed on 23 Nov. 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

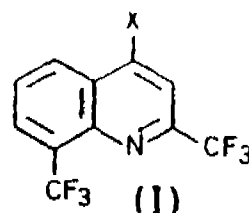
(Claims 4)

A process for the preparation of 4-cyano-2, 8-bis (trifluoromethyl) quinoline having the formula II shown in the drawing accompanying this specification



(II)

which comprises refluxing a compound of the formula I



(I)

X=Tosyloxy, Cl, Br or I

where X represents Cl, Br or with MCN wherein M represents sodium or cuprous cyanide in an organic solvent, digesting the refluxed mixture with ferric chloride and extracting the compound of formula II with benzene.

(Com. specn. 5 pages;

Drwg sheet 1)

Ind. Cl.: 32 F1

170918

Int. Cl.: C07D 215/02.

A PROCESS FOR THE PREPARATION OF 2-PYRIDYL-2, 8-BIS (TRIFLUOROMETHYL)-4-QUINOLYL KETONE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

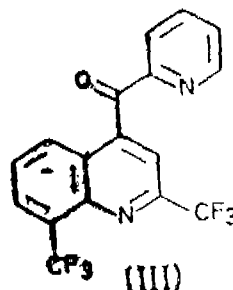
Inventors: YADAVALLI VENKATA DURGA NAGESWAR, HARSHADAS METARAM MESHRAM, ATTALURI RAMACHANDRA PRASAD, SYED RIAZ HASHIM AND PRALHAD BALVANT RAO SATTUR.

Application for Patent No. 1101/DEL/89 filed on 23 Nov 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

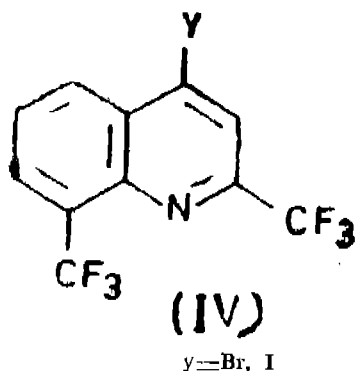
(Claims 4)

A process for the preparation of 2-pyridyl-2, 8-BIS (trifluoromethyl)-4-quinolyl ketone of the formula III of the drawing accompanying this specification which comprise

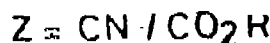
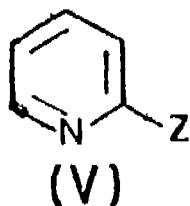


(III)

which comprises reacting a compound of the formula IV



wherein Y represents I or Br with a compound of the



formula V where Z represents CN or CO_2R , wherein R represents methyl or ethyl group in the presence of magnesium and a solvent, working up with ammonium chloride to get intermediate compound, extracting with ether, then heating with acetic acid to get compound of formula III.

(Com. specn. 5 pages;

Drwg. sheet 1)

Ind. Cl.: 32F

170919

Int. Cl.: C07D 215/16.

AN IMPROVED PROCESS FOR THE PREPARATION OF MEfloQUINE HYDROCHLORIDE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

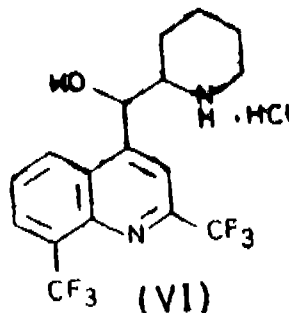
Inventors: YADAVALLI VENKATA DURGA NAGESHARSHADAS MITARAM MESHRAM, ATTALURI CHANDRA PRASAD, SYED RIAZ HASHIM & AD BALVANT RAO SATTUR.

Application for Patent No. 1102/DEL/89 filed on 23 89.

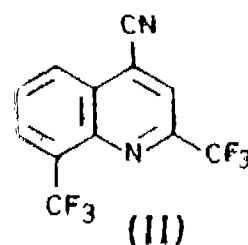
Appropriate office for opposition proceedings (Rule 4, Rules, 1972) Patent Office Branch, New Delhi-110 005

(Claims 4)

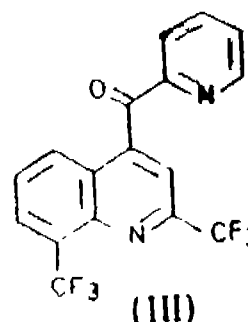
Improved process for the preparation of Mefloquine hydrochloride chemically known as α -2-piperidyl-2, 8-bis (trifluoromethyl)-4-quinoline methanol, having the formula in the drawing accompanying this specification



Which comprises reacting a compound of the formula II



with 2-bromo-pyridine in presence of activated magnesium powder or freshly cut magnesium pieces in the presence of a solvent at a temperature in the range of 40—50°C to give a compound of the formula III,



converting the compound of the formula III by known methods to mefloquine Hydrochloride of the formula VI.

(Compl. Specn. 10 pages;

Drwg. sheet 1)

Ind. Cl.: 32 F1,

170920

Int. Cl.: C07D 215/16.

AN IMPROVED PROCESS FOR THE PREPARATION OF MEfloQUINE HYDROCHLORIDE.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

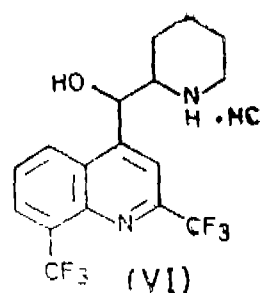
Inventors: YADAVALLI VENKATA DURGA NAGESWAR, HARSHADAS MITARAM MESHRAM, ATTALURI RAMACHANDRA PRASAD, SYED RIAZ HASHIM AND PRALHAD BALVANT RAO SATTUR.

Application for Patent No. 1103 DEL/89 filed on 23 Nov 1989.

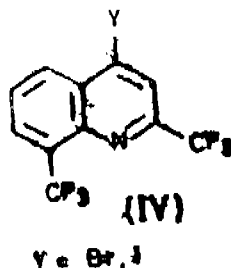
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 3)

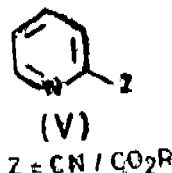
An improved process for the preparation of mefloquine hydrochloride chemically known as α -2-piperidyl-2, 8-bis (trifluoromethyl)-4-quinoline methanol having the formula VI of the drawing accompanying this specification



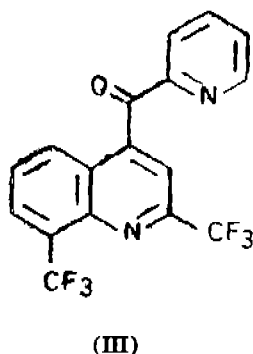
which comprise reacting a compound of the formula IV



wherein -Y represents Br or I with a compound of the formula V



where Z represents CN or CO₂R, where R represents methyl or ethyl, in the presence of activate magnesium powder or freshly cut magnesium pieces in the presence of a solvent to give compound of formula III,



converting the compound of formula III by known methods to give mefloquine hydrochloride of formula VI.

(COMPLETE SPECIFICATION 8 PAGES DRAWING SHEET 1).

Cl. : 172 C4 9; D 2 4 .

170921

Int. Cl. D 01 H 5/00, 5/44, 5/70.

"BOTTOM APRON CRADLE FOR SPINNING-FRAME DRAFTING SYSTEMS".

Applicant : SKF TEXTILMASCHINEN-KOMPONENTEN GMBH. OF Loewentorstrasse 68. D-7000 Stuttgart 50, West Germany.

Inventors : 1) FRANZ FUCHS, (2) HEINZ MUELLER.

Application No. 455/Cal/88 filed on 03 June 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Calcutta.

17 Claims

Bottom apron cradle for spinning-frame drafting systems to which a top apron unit held in a support and weighting arm is associated, exhibiting an apron bridge for the bottom apron that determines that drafting zone plane, which bridge has a guide roller at the feed side and a guide edge at the delivery side whereby the guide roller facing the top apron roller is held in position by the latter in position against a

drive roller on the spinning-frame associated with the external surface of the bottom apron and whereby the bottom apron cradle is detachably located on the machine frame, characterized in that the plastic bottom apron cradle incorporated a locating shell which is clipped to a shaped bar that is firmly secured to the machine.

Fig. 1

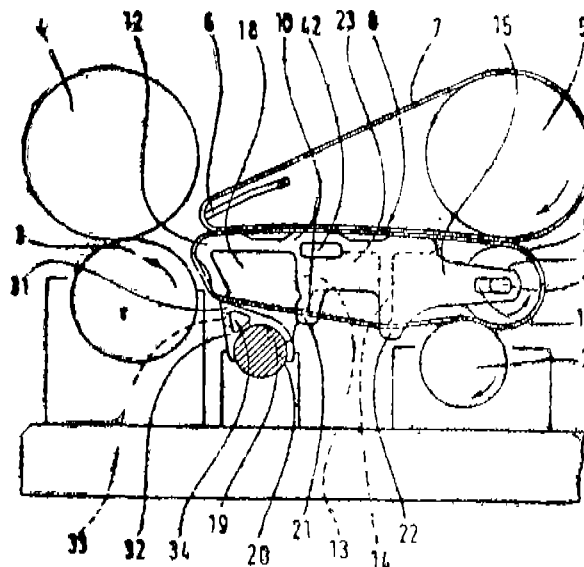
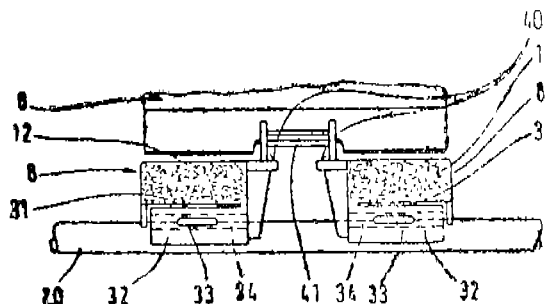


Fig. 2



Compl. specn. 14 pages

Drgns. 3 sheets.

Cl. 63 A, 2

170922.

Int. Cl. H 02 K, 17/00.

"VARIABLE SPEED CONTROLLABLE INDUCTION MOTOR"

Applicant : SATAKE ENGINEERING CO. LTD. OF 7-2 Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan.

Inventor : TOSHIHIKO SATAKE

Application No. 581/Cal/88 filed on 12th July 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972) Patent office Calcutta.

6 Claims.

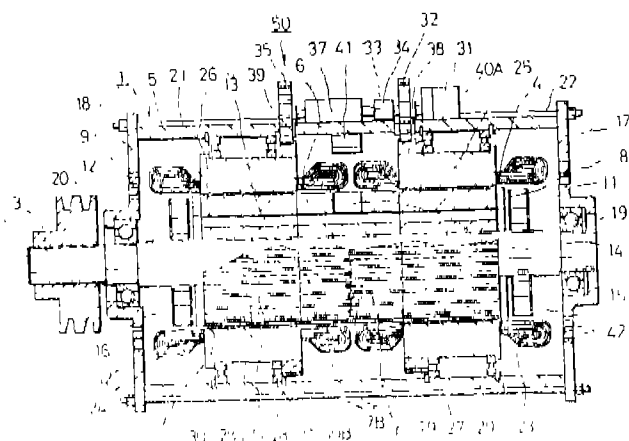
A variable speed controllable induction motor comprising :—

a single rotor (2) formed in one-piece having a plurality of rotor cores (4, 5) axially mounted on a common axis (3) with an airspace or a non-magnetic core portion (6) being provided between said rotor cores (4, 5) and having, on said rotor cores, a plurality of sets of rotor conductive members (7) including first group conductive members (7 A) effective

specifically for a low speed range and second group conductive members (7B) effective specifically for a high speed range, at least said first group conductive members (7A) being short circuited at said airspace or said non-magnetic core portion (6) by resisting members (r) and each set of said rotor conductive member (7A, 7B) being respectively connected linearly;

a plurality of stators (25, 26) disposed side by side and surrounding and facing said respective rotor cores (4, 5); and phase shifting means (31, 32, 33, 35, 40A, 40B) for producing phase differences between the voltage induced on the portions of said rotor conductive members (7) which face one of said plurality of stators (25, 26) and the voltage induced on the corresponding portions of said rotor conductive member (7) which face the another one of said stators (25, 26);

whereby a rotation speed of said rotor can be varied by the controlling of said phase shifting means



Compl. specn. 36 pages.

Drgns. 10 sheets.

Cl. 80 K

170923.

Int. Cl. B 01 D 35/30

"FILTER COVER FOR A PURIFICATION INSERT IN A WATER TREATMENT DEVICE WITH A HOLLOW TUBE"

Applicants : BRITA WASSFR-FILTER-SYSTEME GMBH OF WALDSTRASSE 4, 6204 TAUNUSSTEIN 4, WEST GERMANY.

Inventor : HEINZ HANKAMMER.

Application No. 888/Cal/88 filed on 26th October 1988.

Appropriate office for oppositions proceedings (Rule 4, Patent Rules 1972) Patent Office Calcutta.

7 Claims.

A filter cover for a purification insert in a water treatment device, wherein the filter cover has filter slots on a conical surface portion and at least one vent opening in the middle of a raised connecting portion and can be connected to a hollow tube with a disc wherein the filter slots are substantially straight and are arranged in a ring-like configuration on the frustoconical surface portion which occupies about 1/3 to 1/2 of the height of the filter cover and that provided on the upper outer annular surface of the disc are markings with which there is associated an adjustable pointer mounted on an arresting ring which is arranged non-detachably and rotatably on the hollow tube.

3—107GI/92

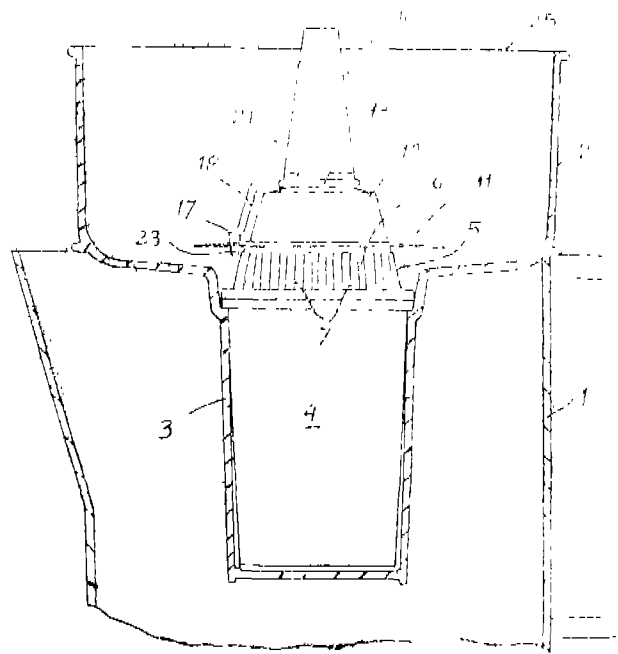


Fig. 1

Compl. Specn. 16 pages.

Drgns. 3 sheets.

Ind. Cl. : 157 D

170924

Int. Cl. : E01 B, 31/00

"A TRAVELLING TRACK TAMPING, LEVELLING AND LINING MACHINE FOR LIFTING AND/OR LATERALLY SHIFTING A TRACK AT SWITCHES AND CROSSINGS"

Applicants : FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIE GESSELLSCHAFT m.b.H., A-1010 WIEN, JOHANNESGASSE 3, AUSTRIA.

Inventors : 1) ING. JOSEF THEURER, 2) ING. WILHELM PRASCHL AND 3) FRIEDRICH PEITZ.

Application No. 935/Cal/88 filed on 8th November, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

13 Claims

A travelling track tamping, lifting and lining machine comprising a lifting and lining unit for lifting and/or laterally shifting a track at switches and crossings which comprises a tool frame designed to travel along the track on at least one pair of flanged wheels and being connected to the machine frame for vertical and lateral adjustment under the power of hydraulic lifting and lining drives, at least one flanged wheel serving as a lining element and at least one gripping element in the form of a gripping hook and/or gripping roller designed for transverse and vertical displacement by a drive and for self-locking application to the outside or inside of the rail being arranged per rail on the tool frame, characterized in that at least one lifting assembly (21) designed for transverse adjustment and displacement by a drive (19) and comprising at least one gripping element (20) is provided on the machine

(1) for lifting a switch of crossing section situated laterally adjacent the machine (1), the lifting assembly (21) comprising a supporting frame (23) which is designed to travel along one

rail of the track on flanged rollers (22) and which is equipped with at least one laterally pivotal lifting roller (42) in the form of a gripping element (20).

Fig. 1

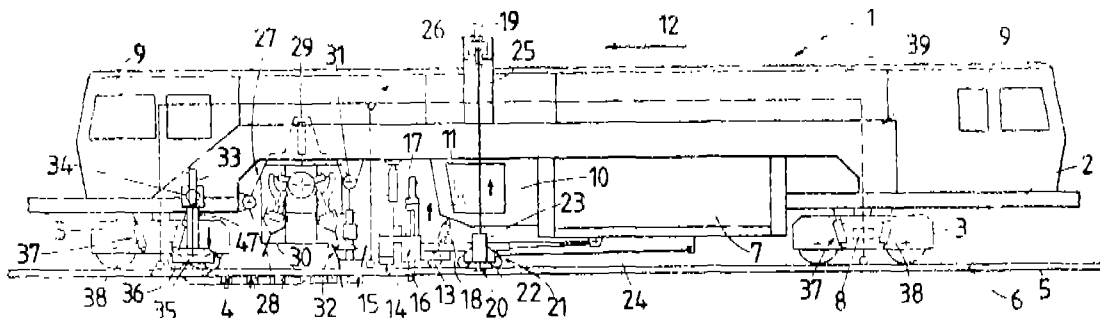
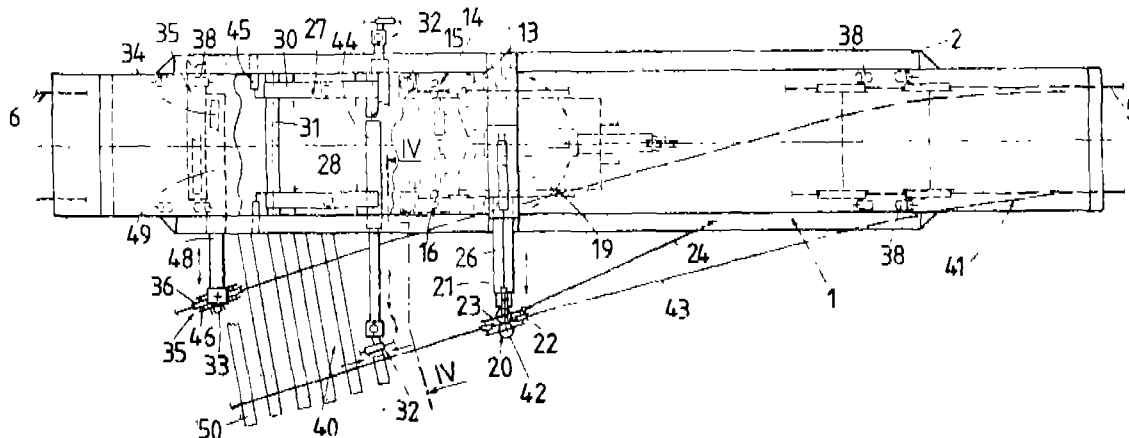


Fig. 2



Compl. Specn. 25 Pages.

Drgs. 2 sheets.

Ind. Cl. : 127 B

170925

Int. Cl. : F 16 C 3/06

"METHOD FOR ASSEMBLING CRANKSHAFTS AND THE LIKE"

Applicants : EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, D-5204 LOHMAR 1, WEST GERMANY.

Inventors : HELMUT SWARS.

Application No. 971/Cal/88 filed on 25th November, 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

20 Claims

A method for assembling a crankshaft and the like by hydraulically expanding a hollow shaft and by establishing a connection between the hollow shaft and design elements slid on to the shaft and having an aperture corresponding to the outer diameter of the hollow shaft characterised by subjecting the surface layer of the slid on design elements to plastic deformation and permanent elastic pretension such that the hydraulic expansion of the hollow shaft results in a material-locking connection between the material of the surface-layer of the aperture of the design element and the material of the plastically deformed hollow shaft.

Compl. Specn. 12 Pages Nil. Drgs.

Cl. 127 H, I.

170926.

Int. Cl. F 16 H, 55/12

"IMPROVEMENTS IN OR RELATING TO STRUCTURES CALLED COGS".

Applicant : The TATA IRON & STEEL COMPANY LIMITED OF 24 HOMI MODY STREET, BOMBAY-400 023, MAHARASHTRA, INDIA.

Inventors : (1) NARESH CHANDRA GHOSHAI, (2) AMITABH CHATTOPADHYAY (3) ABHOY PADA KARMAKAR.

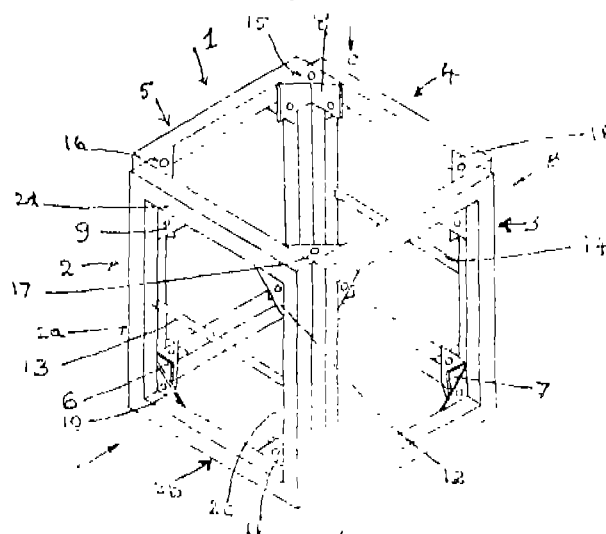
Application No. 1006/Cal/88 filed on 05th December 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

An improved cog comprising a box-like structure of desired shape and size made of a plurality of sides, characterized in that each side being in the form of a frame, the said frames being arranged to form the desired box-like structure, the portions of the frames meeting together being held to each other either removably or fixably, each box-like structure having means for arranging and securing one box-like structure over another box-like structure, each box-like structure having optionally at least one cross member.

Fig. 1



Compl. Specn 2 pages.

Drgns. 2 sheets.

Cl. : 32 F 170927
Int. Cl. : C 07 C 143/06, 143/08.

A CONTINUOUS METHOD OF PREPARING ALKANESULFONYL HALIDES OF THE FORMULA RSO_2Y , WHEREIN Y IS CHLORINE AND BROMINE AND ALKANESULFONIC ACIDS.

Applicant : PENN WALT CORPORATION, OF PENN WALT BUILDING, THREE PARGWAY PHILADELPHIA, PENNSYLVANIA 19102. UNITED STATES OF AMERICA.

Inventors : (1) DAVID MILTON GARDNER, (2) GREGORY ALAN WHEATON.

Application No. 1074/Cal/88 filed on 29 December 1988.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

18 Claims.

A continuous method of preparing alkanesulfonyl halides of the formula RSO_2Y , wherein Y is chlorine or bromine, and alkanesulfonic acids of the formula RSO_3H , wherein R is an alkyl group having one to 20 carbon atoms, comprising the continuous-flow electrolysis of a sulfur compound of the formula RSX , wherein X is hydrogen or a radical of the formula SR' and where R and R' are alkyl groups having one to 20 carbon atoms in an aqueous hydrohalic acid-containing medium to oxidize the sulfur compound, continuously removing electrolyzed product mixture from the electrolyzed product mixture from the electrolysis zone, and recovering the alkanesulfonyl halide or alkanesulfonic acid from the product mixture, said aqueous hydrohalic acid-containing medium contains hydrogen chloride in a concentration of

about eight per cent by weight to 38 per cent by weight, the temperature of the electrolysis is between zero to 120 degrees Centigrade.

Compl. Specn. 44 Pages.

Drgs. Nil.

Cl. : 64 B 3

170928

Int. Cl. : H01R, 9/24.

PROTECTIVE PLUG FOR CONNECTOR OR DISCONNECTOR BANKS.

Applicants : KRONE AKTIENGESSELLSCHAFT OF BEESKOWDAMM 3-11, D-1000, BERLIN 37, WEST GERMANY.

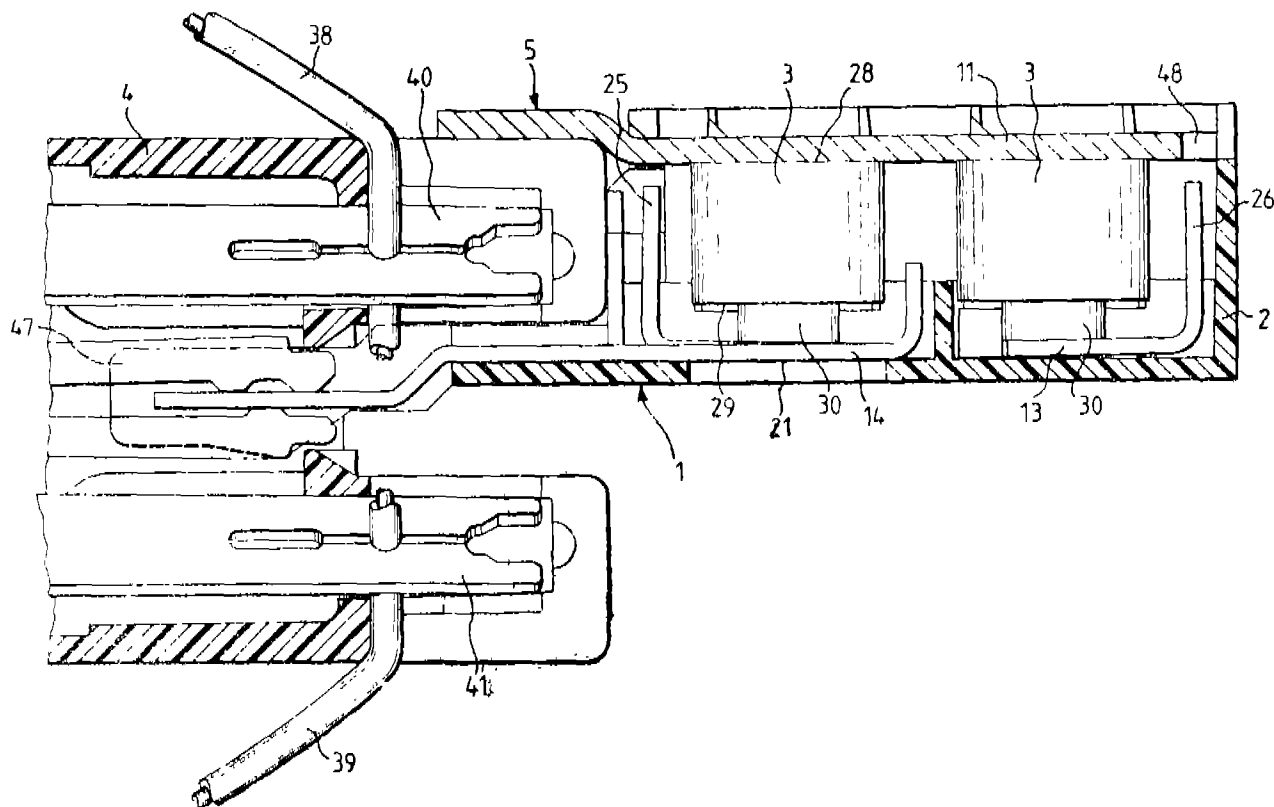
Inventors : (1) KLAUS PETER ACHTUNG, (2) GUNTER HFGNER.

Application No. 55/Cal/89 filed on 18 January, 1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

10 Claims.

A protective plug for connector or disconnector banks of telecommunication systems provided with a collective earth connection, comprising a housing with overvoltage suppressors and conductor contacts. Characterized by that the housing (2) includes an insertion channel (48) extending along one pole side (28) of the overvoltage suppressors, and that the collective earth connection (5) is provided with a lug (11) engaging into the insertion channel (48) for earth connection of the overvoltage suppressors.



Compl. Specn. 14 pages.

Drgs. 9 sheets.

Cl. : 205 B 170929

Int. Cl. : B 29 C, 67/10.

B 60 C, 21/00.

"A RETREADING CURING RING DEVICE".

Applicant : XXVI OLIVER RUBBER COMPANY, OF 1200, 65TH STREET, OAKLAND, CALIFORNIA 94662, U.S.A.

Inventor : GILBERT LEE HILL.

Application No. 175/Cal/89 filed on 1st March 1989.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

10 Claims

A retreading curing ring device for mounting on a tire retreading assembly that includes a tire carcass defining a retread area and integral sidewalls having inner circular beads adjacent their free ends, a free layer of uncured rubber positioned on said tread area a preformed tread strip covering said uncured rubber layer and a flexible envelope surrounding said tread strip and said sidewalls and extending downwardly towards said circular beads, said curing ring device being positioned adjacent one of said sidewalls for securing such envelope to such tire for curing, said curing ring device comprising :

— a circular body member for engaging a portion of the envelope and the circular tire bead;

- guide means adjacent said circular body member for concentrically aligning said tire carcass relative to said circular body member;
- a plurality of moveable backup means spaced inwardly from said circular body member and at predetermined spaced apart circumferential locations relative to said circular body member and adapted to engage the inside of said tire sidewall in its bead area;
- a single handle means;
- linkage means interconnecting said back up means and said circular body member and controllable by said handle means for moving said circular body member and backup means together, thereby pressing and sealing said envelope against the bead portion of the tire.

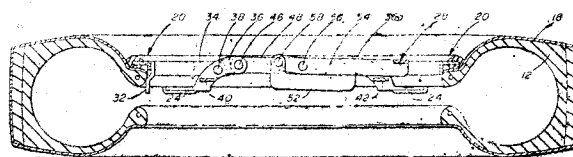
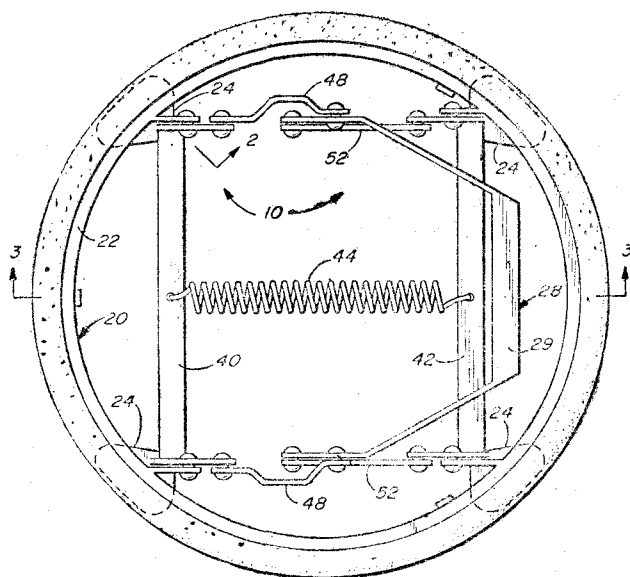


FIG. 3

Compl. Specn 11 Pages.

Drgs. 3 Sheets.

Cl.: 129 P

170930

Int. Cl.: B 23 5/02

"LATHE FOR MECHINING THE BRAKE DISCS OF A WHEELSET REMOVED FROM A TRACK VEHICLE".

Applicant: HOESCH MASCHINENFABRIK DEUTSCHLAND AG. OF BORSIGSTRASSE 22, 4600 DORTMUND 1, WEST-GERMANY.

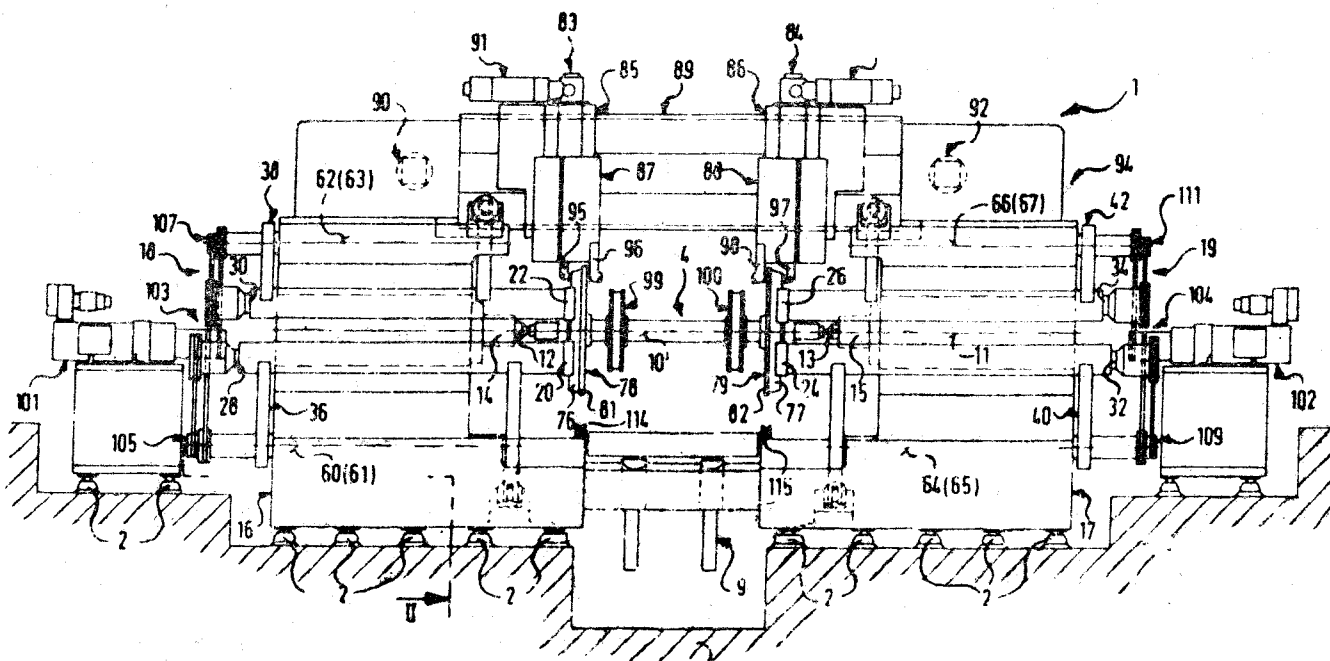
Inventors: (1) KURT BATHELT
(2) WOLFGANG BECK
(3) DIRK BRINKMANN AND
(4) WILFRIED RESKE.

Application No. 185/Cal/89 filed on 6th March, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Lathe for machining the brake discs of a wheelset which is removed from a track vehicle and which is clamped between two centres of the lathe, comprising two tailstocks, a wheelset lifting and lowering means, at least one swivel head and a turning tool as well as a plurality of driven friction rollers which are pivotally arranged and engage the two wheels of the wheelset characterized in that for the drive of each wheel (78, 79) of the wheelset (4) four friction rollers (20, 21, 22, 23, 24, 25, 26, 27) are provided which are adapted to be pressed against the running face (76, 77) and which lie substantially diametrically opposite each other in pairs.



Compl. Specn. 8 Pages.

Drgs. 5 Sheets.

OPPOSITION PROCEEDINGS

(1)

An Opposition has been entered by M/s. Polar Fan Industries Limited to grant of a patent on application No. 169541 (456/Del/87) dated 27th May, 1987 made by The Jay Engineering Works Ltd.

(2)

An Opposition has been entered by M/s. Polar Fan Industries Limited to grant of a patent on application No. 169582 (449/DEL/87)) dated 25th May, 1987 made by The Jay Engineering Works Ltd.

(3)

An Opposition has been entered by M/s. Polar Fan Industries Limited to grant of a patent on application No. 169583 (450/DEL/87) dated 25th May, 1987 made by The Joy Engineering Works Ltd.

(4)

An Opposition has been entered by M/s. Polar Fan Industries Limited to grant of a patent on application No. 169584 (455/DEL/87) dated 27th May, 1987 made by The Jay Engineering Works Ltd.

PATENT SEALED ON 15TH MAY, 1992

168622 168628 168700 168714 168736 168765 168771*
168832 168871* 168873 168874 168876*D 168878 168892
168914 168915 168952 168953 168956* 168965 168966
168967 168968 168969 169386.

Cal-18, Del-05, Mas-01 & Bom-01.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patents At, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG Patents.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendments proposed by CSIR, 14, Satsang Vihar Marg, Off S.J.S. Sansanwal Marg, Special Institutional Area, New Delhi in respect of Patent Application No. 59/Del/85(160755) as advertised in Part III, Section 2 of Gazette of India on 1-10-1988 and no opposition being filed within the stipulated period, the said amendment have been allowed.

(2)

The amendments proposed by President Engineering Corporation of Florastrasse 11, 8024 Zurich, Switzerland in respect of Patent application No. 290/D/85 (164171) as advertised in Part III, Section 2 of the Gazette of India dated 1-4-89 have been allowed.

REGISTRATION OF ASSIGNMENTS LICENCES ETC. (PATENTS)

(1)

Assignments, Licences or other transactions affecting the interests of the original Patentee have been registered in the following Case. The number of the Case is followed by the name of the claiming interests.

156855—Pawam Wires Pvt. Ltd.

(2)

Assignments, Licences or other transactions affecting the interests of the original Patents have been registered in the following case. Th number of the case is followed by the name of the Party Claiming interests.

163477—Equipment Merchants International, Inc.

RENEWAL FEES PAID

150942	151725	151948	152895	153960	153964	154267
154431	155291	156281	156351	156408	157299	157514
158680	158682	159501	159848	160321	160809	160856
161394	162348	162483	163484	163746	163886	164323
164887	164981	166066	166194	166711	166834	166842
166848	168088	168215	168222	168225	168242	168243
168244	168319	168324	168387	168444	168496	168510
168514	168521	168544	168549	168568	168623	168624
168625	168763	168764	168766	168768	168801	168802
168823	168824	168828	168836	168838	168840	168973

CESSATION OF PATENTS

157295	157296	157297	157300	157301	157303	157304
157305	157309	157311	157312	157314	157315	157318
157322	157323	157324	157325	157326	157327	157328
157329	157333	157337	157339	157340	157343	157344
157345	157346	157347	157349	157350	157352	157355
157360	157361	157362	157366	157367	157368	157370
157372	157374	157376	157377	157378	157382	157383
162414	163492	165970	166847.			

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 151860 dated the 31st December 1980 made by Mitsui Toatsu Chemicals Incorporated on the 25th October 1991 and notified in the Gazette of India Part III, Section 2 dated the 25th January 1992 has been allowed and the said Patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 162010 dated the 15th November 1985 made by Westinghouse Electric Corporation on the 7th October 1991 and notified in the Gazette of India Part III, Section 2 dated the 25th January 1992 has been allowed and the said Patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 165060 dated the 4th November 1985 made by Westinghouse Electric Corporation on the 7th October 1991 and notified in the Gazette of India Part III, Section 2 dated the 25th January 1992 has been allowed and the said Patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 165360 dated the 24th September 1986 made by the Comptroller University of New Mexico Robert Bruce Cushman on the 3rd September 1991 and notified in the Gazette of India Part III, Section 2 dated the 28-12-1991 has been allowed and the said Patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 163896 dated the 4th December 1985 made by Mitsui Toatsu Chemicals Incorporated on the 25th October 1991 and notified in the Gazette of India Part III, Section 2 dated the 25th January 1992 has been allowed and the said Patent restored.

**SUBJECT-MATTER INDEX AS PER INTERNATIONAL CLASSIFICATION
SYSTEM OF THE COMPLETE SPECIFICATION ACCEPTED & NOTIFIED
DURING THE YEAR—1990.**

[Continuity from Section-B
follows]

[Date of specification in 2nd column denotes : Date of complete specification/Anti-date/Post-date. 4 Classes of applicants Code in the 7th column are the abridged forms : i.e., I=Indian Individual ; IC=Indian Company; F=Foreign Individual ; FC=Foreign Company].

SECTION : C

CHEMISTRY, METALLURGY

No case was accepted within the following classes

- C 06 F : Matches, Manufacture of matches.
- C 07 G : Compounds of unknown constitution.
- C 08 H : Derivatives of natural macromolecular compounds.
- C 09 G : Polishing compositions other than french polish; Ski waxes.
- C 09 H : Preparation of glue or gelatine.
- C 10 F : Cutting; drying or working up of peat.
- C 10 H : Production of acetylene by wet methods; Its purification.
- C 10 N : Indexing scheme associated with subclass C 10 M [For indexing only].
- C 12 C : Brewing of beer.
- C 12 F : Distillation or rectification of fermented solutions : Recovery of by-products; Denaturing of or denatured alcohol.
- C 12 H : Pasteurisation, Sterilisation, Preservation; Purification, Classification, Ageing.
- C 12 J : Vinegar, Its preparation.
- C 12 L : Pitching or depitching machines, Celler tools.
- C 12 M : Apparatus for enzymology or microbiology; Unicellular algae, Plants or animal cell, tissue or virus culture apparatus.
- C 12 R : Indexing scheme associated with subclasses C 12 C to C 12 Q, relating to micro-organisms (For indexing only).
- C 13 F : Preparation or processing of raw sugar, sugar or syrup.
- C 13 G : Evaporation apparatus; Boiling pans.
- C 13 H : Cutting machines for sugar, Combined cutting; Sorting and packing machines for sugar.
- C 13 J : Extraction of sugar from molasses.
- C 14 B : Mechanical treatment or processing of skins, hides, or leather in general, pelt-shearing machines; Intestine-splitting machines.
- C 22 F : Changing the physical structure of non-ferrous metals or non-ferrous alloys.
- C 23 D : Enamelling of, or applying a vitreous layer to metals.

SECTION—C

C 01 : INORGANIC CHEMISTRY.

C 01 B : Non-metallic elements; compounds thereof .

Specn. No.	Date of Specn.	Applicant for patent	Title of the Invention	Date of Notifica- tion	Int. Class	Indian Classifica- tion.	Appli- cant Code
1	2	3	4	5	6	7	8
165860	24-04-86	UNION RHEINISCHE BRAUNKOHLEN KRAFTS- OFF AG.	Process for purifying liquid sul- phur containing impurities such as hydrogen sulphide, poly- sulphides and solid particles by removing said impurities there- from.	27-01-90	17/02	139-G	FC.

1	2	3	4	5	6	7	8
165941	17-01-84	JOHN ALVIN EASTIN	Apparatus for preparing a dilute solution of nitric acid from nitrogen oxides and waters.	17-02-90	21/38, 21/40.	39—I	I.
165943	17-01-84	JOHN ALVIN EASTIN	Apparatus and method for oxidizing ammonia.	17-02-90	21/20, 21/24, 21/26, 21/28.	39—K	I.
165944	17-01-84	JOHN ALVIN EASTIN	Apparatus for converting any nitrogen oxide to liquids having nitrate ions.	17-02-90	21/38, 21/20.	39—C	F.
165968	08-10-85	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B. V.	Process for the production of synthesis gas with an increased H ₂ /CO ratio from Hydrocarbons.	17-02-90	3/36, 3/50.	88—E	FC.
165976	16-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A method for the production of hydrogen from biological wastes.	17-02-90	3/02	139—D	IC.
165117	16-07-87	THE DHARAMSI MORARJI CHEMICAL COMPANY LTD.	A process for manufacture of commercial phosphoric acid and high purity gypsum as principal products and other fluorine chemicals as by products from rockphosphate containing high percentages of silica and feral impurities.	17-03-90	25/222, 25/223 25/18	39—L-III	IC.
166251	24-02-86	IMPERIAL CHEMICAL INDUSTRIES PLC.	A process for producing a purified ammonia synthesis gas.	31-03-90	3/50	39—C(III)	FC.
166393	29-10-85	PRAYON DEVELOPMENT SOCIETE ANONYME.	A method of preparing phosphoric acid from a mixture containing calcium sulphate and calcium phosphate.	28-04-90	25/222	39—K	FC.
166539	24-02-87	THE PROJECT & DEVELOPMENT INDIA LTD. (RESEARCH & DEVELOPMENT DIVISION).	A process for preparing enriched rock phosphate for use in the conventional preparation of phosphoric acid.	26-05-90	25/18, 25/26.	39—L & M	IC.
166540	05-12-86	PROJECTS AND DEVELOPMENT INDIA LIMITED.	A process for obtaining phosphate values in the form of phosphoric acid and/or nitrophosphate fertilisers with by product gypsum and aliquor containing nitric acid together with magnesium values from rock phosphate Particular from low grade rock phosphates containing high silica and high MGO impurities with or without insoluble inorganic oxide impurities.	30-06-90	25/22, 25/223	39—K—M +N 123.	IC.
165702	03-12-86	UHDE GMBH.	Device for use in a process for the manufacture of a product gas containing hydrogen and carbon oxide.	07-07-90	3/02	40—A ₁	FC.
166703	08-12-86	SONEX RESEARCH INC.	Method and apparatus for disposal of toxic wastes specifically halogenated hydrocarbons by combustion.	07-07-90	7/00	28C+39A +107C+G.	FC.

1	2	3	4	5	6	7	8
166734	25-03-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	Improved process for the production of trichlorosilane (TCS) from silicon tetrachloride.	14-07-90	33/107	39—L(II)	IC.
166752	23-09-85	KENRICH PETROCHEMICALS, INC.	Process for preparing organo-metallic pyrophosphates.	10-07-90	25/168	32—D	FC.
166830	24-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for the enrichment of silica in commercial sodium silicate solutions.	21-07-90	33/32	39—O	IC.
166892	08-11-85	MONSANTO COMPANY	An apparatus for use in the recovery of the heat of absorption in a process for the manufacture of sulfuric acid.	04-08-90	17/76	39—K 40—F.	FC.
167056	08-10-84	MERICHEM COMPANY	A method for producing sulfur dioxide from sulfur containing waste such as calcium sulfate or gypsum.	25-08-90	17/50	139—G— GROUP-IV (2).	FC.
167400	07-05-85	ATOCHEM	Process for the manufacture of hydrofluoric acid by reaction of sulphuric acid with fluorospar in a rotating oven.	20-10-90	7/19	39—A— GROUP-III	FC.
167537	04-09-86	TANNIRKULAM MUDAMBI VATSALA AND VENKATRAMAN BALAJI	Microbial process for hydrogen production from cellulose.	10-11-90	3/02	139—G— GROUP-IV (2).	I.
167538	16-09-87	TANNIRKULAM MUDAMBI VATSALA	Microbial process for hydrogen production from cellulose in high saline in water medium.	10-11-90	3/02	139—G— GROUP-IV (2).	I.
167580	24-10-88	COGENT LIMITED.	Process and apparatus for producing hypobromous acid.	17-11-90	11/20	39—K— GROUP-III	FC.
167662	16-06-86	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	Catchment trap for use in the manufacture of nitric oxide.	01-12-90	21/28, 21/24.	39—K	FC.
167695	14-08-87	KUNAL GHOSH AND CHANDRIKA VARADACHARY.	Process for the manufacture of pure potassium dihydrogen phosphate from white mica.	08-12-90	25/30	39—M	I.
167736	19-08-86	IMPERIAL CHEMICAL INDUSTRIES PLC	Process for the production of a hydrogen containing gas stream.	15-12-90	3/00	139—D	FC.
167818	21-07-86	ENICHEM S.p.A.	Process for preparing high purity elemental silicon.	22-12-90	33/02	39—K— GROUP-III	FC.
C 01 C : Ammonia; Cyanogen; Compounds thereof.							
165944	17-01-84	JOHN ALVIN EASTIN	Apparatus for converting any nitrogen oxide to liquids having nitrate ions.	17-02-90	1/18	39C-1-39K +39I.	F.
166075	01-05-89	1. MR. VIRENDRA RASIKLAL DOSHI. 2. MR. SUKETU RASIKLAL DOSHI. 3. MR. BRIJESH MAHENDRAKUMAR PAREKH. 4. MR. SHAILESH MAHENDRAKUMAR PAREKH	A process of preparing mercury in solid state.	10-03-90	13/00	130—F.	I.
166517	25-06-86	SOCIETE CHEMIQUE DES CHARBONNAGES S.A.	Process of producing concentrated solutions of ammonium nitrate.	19-05-90	1/18	39—C	FC.
166862	07-08-86	IMPERIAL CHEMICAL INDUSTRIES PLC.	A process for the production of ammonia synthesis gas.	28-07-90	1/04	39 C & 139D	FC.

1	2	3	4	5	6	7	8
167192	18-05-84	BARR & STROUD LIMITED.	An optical range simulator device.	15-09-90	3/00	146—D ₁	FC
167308	22-05-86	UNION CARBIDE CARPORATION.	Process for the production of desired products such as ammonia and methanol from the feed gas streams.	06-10-90	1/02	88F, 39C, 32F, 3C	FC.
167450	14-10-87	BASF AKTIENGESELLSCHAFT.	An improved process for producing ammonium sulphate.	27-10-90	1/24	39—C, GROUP-III.	FC.
167858	29-10-86	IMPERIAL CHEMICAL INDUSTRIES PLC.	Process for the synthesis of ammonia.	29-12-90	1/04	39—C	FC.
C 01 D : Compounds of alkali metals, i.e. lithium, sodium, potassium, rubidium, caesium, or francium.							
165914	11-06-86	POTASH CORPORATION.	Process for recovering potassium carbonate, Potassium sulphate and potassium lignosulphonate from the spent aqueous cooking liquor resulting from the pulping of lignocellulosic material.	10-02-90	5/00, 7/00, 13/00.	39—B, 39—P, 39—N	FC.
166494	19-11-85	SOCIETE DES PRODUITS NESTLE S.A.	Method for preparing a dry, stable carbonating agent complex.	19-05-90	7/00,	39E, 39D	FC.
167449	02-07-86	THE DOW CHEMICAL COMPANY.	A process for preparing an adduct of clay and mixed metal layered hydroxide.	27-10-90	15/00	39—N, GROUP-III.	FC.
C 01 F : Compounds of the metals beryllium, magnesium, aluminium, calcium, strontium, barium, radium, thorium, or of the rare earth metals.							
166494	19-11-85	SOCIETE DES PRODUITS NESTLE S.A.	Method for preparing a dry, stable carbonating agent complex.	19-05-90	1/00	39—E, 39—D.	FC.
166640	05-12-86	PROJECTS AND DEVELOPMENT INDIA LIMITED	A process for obtaining phosphate values in the form of phosphoric acid and/or nitrophosphate for fertilizers with by product gypsum and a liquor containing nitric acid together with magnesium values from rock phosphate particular from low grade rock phosphates containing high silica and high MGO impurities with or without insoluble in organic oxide impurities.	30-06-90	5/40	39—K+M +N 123	IC.
165549	19-11-85	ALUMINIUM PECHINEY	Process for producing large-grain alumina.	30-06-90	7/14	39—L	FC.
167095	14-03-86	ALUMINIUM PECHINEY	An improved method and apparatus for producing alumina from sodium aluminate liquor super-saturated with alumina.	01-09-90	7/14	39—L	FC.
167247	24-04-86	ALUMINIUM PECHINEY	An improved process for the production of alumina from gibbsite-bearing bauxite of low reactive silica content.	29-09-90	7/06	39—L, GROUP-III.	FC.
167249	29-04-86	ALUMINIUM PECHINEY	Process for the continuous production of alumina from bauxites containing monohydrates using the bayer process.	29-09-90	7/06	39—L, GROUP-III.	FC.

1	2	3	4	5	6	7	8
167305	21-04-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	An improved process of the production of alumina from low grade submarginal bauxite.	06-10-90	7/04	39—L	IC.
167449	02-07-86	THE DOW CHEMICAL	A process for preparing an adduct of clay and mixed metal layered hydroxide.	27-10-90	7/00	39—N GROUP-III.	FC.
C 0 . G : Compounds containing metals not covered by subclasses C 0 . D or C 01 F.							
166074	01-05-89	(1) MR. VIRENDRA RASIK-LAL DOSHI. (2) MR. SU - KETU RASIKLAL DOSHI. (3) MR. BRIJESH MAHENDRAKUMAR PAREKH. (4) MR. SHAILESH MAHENDRAKUMAR PAREKH.	A novel process for preparing mercury in solid state.	10-03-90	13/00	130—F	FC.
166666	13-08-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for preparation of anhydrous iron (III) sulphate.	30-06-90	49/14	39—P(III)	IC.
167037	13-07-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of pure high bulk-density iron (III) oxide.	18-08-90	49/02, 49/06.	39—L	IC.
167581	04-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A method for the preparation of high pure synthetic iron (III) oxide of ferrite grade.	17-11-90	49/06	39-L	IC.
167710	30-12-88	DR. TADEPALLI SRI-KRISHNA KUMAR	The process of making a composition for treatment of cancer.	08-12-90	13/00	39-N- GROUP-III	I
167719	22-02-84	COOKSON LAMINOX LIMITED	Process for preparing micaceous iron oxide.	08-12-90	49/02	39-L- GROUP-III	FC.
C 02 F : Treatment of water, waste water, sewage or sludge							
165758	31-10-85	EXXON RESEARCH AND ENGINEERING COMPANY AND TECHNICAL DEVELOPMENT AND RESEARCH WORK.	Improved process for recovering phenols from waste waters streams.	06-01-90	1/00	32-I 3-C 201-D	FC.
166048	14-08-86	BHABHA ATOMIC RESEARCH CENTRE.	An improved reverse osmosis tubular module for use in a reverse osmosis plant.	03-03-90	1/44	201 D-1(4) +40 IV(1)	IC.
166466	01-01-87	VOLGO URALSKY NAUCHNO-ISS LEDOVATELSKY I PROEKTNY INSTITUT PO DOBYCHE I PERERABOTKE SEROVODORODS-ODERZHASCHIKH GAZOV (VOLGOURALNIPIGAZ)	Method for purification of sewage from ethylene glycol	19-05-90	3/00	164-C	FC.
166769	12-10-87	CHANDRAKANT SHANKER LAL SHAH	An improved shock wave separator for waste water treatment.	14-07-90	3/00, 3/16/3/24, 7/00,9/00	164-A- II (3)	I.
166833	23-10-86	CADBURY SCHWEPPE'S PROPRIETARY LIMITED	Method of manufacturing dry composition suitable for use in water to reduce bacterial content.	21-07-90	1/50	55-E	FC.

1	2	3	4	5	6	7	8
166861	05-08-86	ALBRIGHT & WILSON LIMITED.	A water treatment additive composition.	28-07-90	1/54	55-A	FC.
166926	19-02-86	UTAH STATE UNIVERSITY FOUNDATION	A process for producing non-toxic organic compounds from toxic organic pollutants.	04-08-90	3/02 3/34	32-C- GROUP- IX-(1)	FC.
166971	15-04-86	PRAJ CONSELTECH PVT. LTD.	A process and a plant for concentration of distillery spent wash and incineration of the concentrate as means of disposal.	11-08-90	11/10, 11/12	201 B II (4)	IC.
167259	18-11-86	PRAMESWARA PILLAI, SIVASANKAR PILLAI.	A process for the production of a coagulant for the treatment of industrial effluents, utilising the liquid effluent from sulphate route titanium dioxide plant.	29-09-90	1/68	201-C	I.
167352	22-10-86	PENNWALT CORPORATION.	Process for reducing the toxicity of waste water from dithiocarbamate manufacture.	13-10-90	1/10, 1/20	210-A,C	FC.
167702	18-06-86	BURTON (NMI), AXELROD.	Device for purifying sewage effluent.	08-12-90	1/02	164-C GROUP- II-(3)	F.
167828	14-07-87	VOLGO-URALSKY NAUCHNOISLEDOVATELSKY I PROEKTNY INSTITUT PO DOBYCHE I PERERABOTKE SEROVODORODS-ODER ZHASCHIKH GAZOV (VOLGOURALNIPIGAZ).	Process for purification of waste waters from methanol	29-12-90	3/00	201-D	FC.
		C 03 : GLASS, MINERAL OR SLAG WOOL.					
		C 03 B : Manufacture shaping or supplementary processes.					
165754	25-09-85	"STC PLC"	Method of manufacturing silica optical fibres.	06-01-90	37/01	39-L	FC.
165822	15-07-86	VETROTEX SAINT GOBAIN.	Apparatus and method for manufacturing wound bodies from plurality of separate continuous threads.	20-01-90	37/01	90-F, I	FC.
155262	05-11-85	GLASSTECH INC.	Glass sheet processing apparatus.	07-04-90	35/14	90-C, 90-I	FC.
166344	24-10-85	GLASSTECH INC.	Method and apparatus for producing a curved glass sheet from a flat glass sheet by forming glass sheets.	14-04-90	23/03	90-C, 90-I	FC.
166684	06-06-86	PAG INDUSTRIES INC.	A method of producing glass.	30-06-90	5/16	90-I & K	FC.
166723	06-05-86	EMHART INDUSTRIES, INC.	Drive system for a glass container production line	14-07-90	7/00	90 H, K	FC.
166814	10-01-86	CORNING GLASS WORKS	Method for making sodium-containing glass.	21-07-90	8/04	90-I- GROUP- XXXVI	FC.
167006	12-05-86	EMHART INDUSTRIES INC.	A gob distributor for conveying in a pre-selected sequence successively, formed groups of glass gobs to fixed through groups.	18-08-90	9/00	90-I	FC.

1	2	3	4	5	6	7	8
167348	24-11-84	EMHART INDUSTRIES INC.	A forehearth for the conveyance of molten glass.	13-10-90	5/16	85-G-GROUP-XXXI	FC.
167434	21-04-86	CORNING GLASS WORKS	Electrically heated melting furnace.	27-10-90	5/02	85-G-GROUP-XXXI	FC.
167531	21-05-86	POTTERS INDUSTRIES INC.	method and apparatus for making spherical particles.	10-11-90	19/10	90-H-GROUP-XXXVI	FC.
		C 03 C :	Chemical composition of glasses, glazed or vitreous enamels; Surface treatment of glass; Surface treatment of fibres or filaments from glass; Minerals or slags; Joining glass to glass or other materials.				
165833	28-11-85	M & T CHEMICALS INC.	Coating hood for applying a protective coating to glass containers	20-01-90	19/00	90-C	FC.
165132	25-11-85	SAINT-GOBIN VITRAGE	A method of making a transparent articles such as a pane of glass and/or plastics materials having a protective coating of a polyurethane layer and the coated transparent article thereof.	17-03-90	17/28	90-C	FC.
166410	14-10-86	LIBBEY-OWENS-FORD COMPANY.	A method for producing a coated glass article.	28-04-90	17/00 17/245 17/30	153-D 142-I	FC.
166688	01-10-86	VIDEOLAR.	Machine for depositing a product on a plane horizontal surface of an object.	30-06-90	17/02	194-B	FC.
165733	17-03-86	AEROSPATIALE SOCIETE NATIONALE INDUSTRIELLE.	Device for manufacturing a hollow workpiece of any shape by laying a composite continuous resin-impregnated fibre based ribbon on the surface of a shaping mandrel of mould.	14-07-90	25/00	99-E, F	FC.
167238	31-03-86	OWENS-ILLINOIS TELEVISION PRODUCTS INC.	Sealing glass composition for sealing TV picture tube.	22-09-90	3/074	90-I-GROUP-XXXVI	FC.
167640	31-07-86	CORNING GLASS WORKS.	A method for synthesizing a vapour-deposited $\text{mg}^0\text{-Al}_2\text{O}_3\text{-SiO}_2$ glass.	24-11-90	3/00	90-I-GROUP-XXXVI	FC.
167793	26-06-86	CORNING GLASS WORKS.	A process for the manufacture of a photo-chromic glass.	22-12-90	4/04	171-GROUP-XXXVIII(4)	FC.
		C 04 :	CEMENTS, CONCRETE, ARTIFICIAL STONE, CERAMICS, REFRACTORIES				
		C 04 B	Lime, Magnesia, Slag, Cements, Compositions thereof e.g. mortars, concrete, or like building materials Artificial stone, Ceramics, Refractories, Treatment of natural stone.				
165853	01-01-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for the manufacture of high alumina refractory bricks from sillimanite beach sand.	27-01-90	35/18	35-E	IC.
165959	06-01-86	INSTITUT NATIONAL DES SCIENCE APPLIQUEES DE LYON	A process for manufacturing a composite glass fibre reinforced construction materials.	17-02-90	28/22	90-C	FC.

1	2	3	4	5	6	7	8
166049	29-08-86	GRAVES FOSECO LIMITED	A method of manufacturing a self setting, foamed refractory composition for heat insulating linings.	03-03-90	35/00	35-E-XXV (2)	IC.
166061	03-03-87	LANXIDE TECHNOLOGY COMPANY.	Method for producing a self supporting body.	10-03-90	41/00	193, 25-D	FC.
166330	21-11-83	SOCIETE DES ELECTRODES ET REFRATAIRES SAVOIE (SERS)	A mixed refractory block for use in aluminium electrolysis cells or furnace.	14-04-90	35/02 35/52 35/54, 35/64	35-E	FC.
166411	20-09-85	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	Improvements in or relating to a process for the preparation of ceramic magnets.	05-05-90	35/00	25-D	IC.
166490	24-09-86	NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS	A process for the preparation of clinker.	19-05-90	7/43 28/00	35-C	IC.
166491	24-11-87	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	A process for the preparation of new ceramic membrane for water filtration.	19-05-90	38/00	80-A	IC.
166522	22-01-87	LANXIDE TECHNOLOGY COMPANY, LP.	A method for producing a self supporting ceramic composite body having therein at least one cavity.	23-06-90	33/32 14/00	35-E	FC.
166739	17-03-83	TATA RESEARCH DEVELOPMENT AND DESIGN CENTRE PROF. PRAKASH CHAND KAPUR, DR. PRADIP AND DHARMARAJAN VAIDYANATHAN	A process for the manufacture of hydraulic setting cement from gold ore tailings sand; economically	14-07-90	7/00 7/24	35-B-XXV(2)	IC. I
166317	23-08-84	STAUFFER CHEMICAL COMPANY	A method of preparing a dry blend suitable for forming a fast setting cement.	21-07-90	9/04	35(C) GROUP-XXV(2)	FC.
166354	13-05-86	O&K ORENSTEIN & KOPPEL AKTIENGESELLSCHAFT	Process for heat treating fine-grained material.	28-07-90	7/43	35-C	FC.
166858	14-07-86	FULLER COMPANY	A process for producing sintered dead burnt materials.	28-07-90	33/32	35-E	FC.
166882	15-03-85	LANXIDE TECHNOLOGY COMPANY LP.	A method for producing a self supporting ceramic body.	04-08-90	35/00	35-E	FC.
167070	17-08-88	TATA RESEARCH DEVELOPMENT AND DESIGN CENTRE. PROF. PRAKASH CHAND KAPUR, DR. PRADIP AND DHARMARAJAN VAIDYANATHAN	An improved process for the manufacture of hydraulic setting cements from argillaceous materials and/or industrial/mining waste economically.	25-08-90	7/00 7/24 7/26	35-B-XXV(2)	IC. I
167307	13-05-86	O & K ORENSTEIN & KOPPEL AKTIENGESELLSCHAFT	Apparatus for cooling white cement clinker	06-10-90	7/343	35-C	FC.
167358	04-5-87	LANXIDE TECHNOLOGY COMPANY, LP	Method of making shaped ceramic composites with the use of a barrier.	13-10-90	35/00 35/56	25-C	FC.
167366	22-07-88	DALMIA INSTITUT OF SCIENTIFIC & INDUSTRIAL RESEARCH	Method for the manufacture of fused silica refractory articles.	13-10-90	35/14 35/64	35-E 108-C 130-F3	IC.

1	2	3	4	5	6	7	8
167367	22-07-88	DALMIA INSTITUT OF SCIENTIFIC & INDUSTRIAL RESEARCH & ORISSA CEMENT LIMITED.	Method for the preparation of basic refractory bricks.	13-10-90	35/00	35-E	IC.
167369	19-09-83	THAI HAN CO-LTD.	A portlandcement and a process for manufacturing the same.	13-10-90	7/02	35-C	FC.
167472	04-05-87	LANXIDE TECHNOLOGY COMPANY, LP.	A method of producing a ceramic composite body of desired shape	03-11-90	35/00, 35/60	35-G	FC.
167477	03-8-88	ORISSA CEMENT LIMITED	Process for the manufacture of basic refractory bricks	03-11-90	35/04	35-E	IC.
167563	04-08-87	LANXIDE TECHNOLOGY COMPANY, LP.	Method of producing a self-supporting ceramic structure.	17-11-90	35/00	35-E	FC.
167634	24-06-86	1. THANGA MOHAMED ABDUL MAJEED IYSAM-MAL 2. ABDULMAJEED AZAD AND 3. ABDULMAJEED ABDUL KADER	A composition for preventing salt efflorescence on buildings and structures and a method of preparing the same.	24-11-90	28/00	152-C GROUP-XII(2)	I.
167635	24-06-86	1. THANGA MOHAMED ABDUL MAJEED IYSAM-MAL 2. ABDULMAJEED AZAD AND 3. ABDULMAJEED ABDUL KADER.	A composition for preventing salt efflorescence on new building and structures and a method of preparing the same.	24-11-90	28/00	152-C GROUP-XII(2)	I..
167655	08-09-87	LANXIDE TECHNOLOGY COMPANY, LP.	Method for producing self-supporting ceramic composite bodies.	01-12-90	35/00 35/74	35-G 193	I.
167660	03-08-88	ORISSA CEMENT LIMITED	Method for the manufacture of basic refractory bricks.	01-12-90	35/04	35-E	IC.
167687	25-08-87	OIL & NATURAL GAS COMMISSION	A process for the preparation of cement slurry retarder for use in oil well cements	08-12-90	12/00	35-B	IC.
167734	24-03-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	An improved process for the production of high alumina cement clinkers and the like containing alumina ranging from 45 to 80 per cent.	15-12-90	35/10	35-B	IC.
167839	07-10-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	An improved process for the production of highly dense sinters of dolomite magnesite calcite and mixtures thereof.	29-12-90	35/06	35-E-XXV (2)	IC.
		C 05	FERTILIZERS : MANUFACTURE THEREOF,				
		C 05 B	Phosphatic fertilisers.				
166343	22-10-85	SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LTD.	A process for the manufacture of improved diammonium phosphate (DAP) fertilizer.	14-04-90	7/00	123	IC.

1	2	3	4	5	6	7	8
166640	05-12-86	PROJECTS AND DEVELOPMENT INDIA LIMITED.	A process for obtaining phosphate value in the form of phosphoric acid and/or nitrophosphate fertilisers with by product gypsum and a liquor containing nitric acid together with magnesium values from rock phosphate particular from low grade rock phosphates containing high silica and high MGO impurities with or without insoluble inorganic oxide impurities.	30-06-90	11/04	39-K + M + NIC, 123	
166846	29-04-87	PROJECTS AND DEVELOPMENT INDIA LIMITED.	A process for manufacture of urea-nitrate phosphate fertiliser	28-07-90	11/00, 15/00, 17/00	123	IC.
167075	01-04-87	PROJECTS & DEVELOPMENT INDIA LIMITED	A method for preparing an improved fertiliser having uniformly distributed nutrient/growth stimulant.	25-08-90	1/00	123	IC.
C 05 C			Nitrogenous fertilisers				
165942	17-01-84	JOHN ALVIN EASTIN	Apparatus and method for making nitrogen fertilisers.	17-02-90	5/00, 11/00	123	F.
165944	17-01-84	JOHN ALVIN EASTIN	Apparatus for converting any nitrogen oxide to liquids having nitrate ions.	17-02-90	1/00	39 C + 39K + 39I	F.
166616	07-10-86	MEDERLANDS STIKSTOF MAATSCHAPPIJ B.V.	A method of producing fertilizer granules containing urea and ammonium sulphate.	16-06-90	9/00, 13/00	123	FC.
166620	18-12-86	THE PROJECTS & DEVELOPMENT INDIA LIMITED	A process for the preparation of a new modified urea phospho-gypsum granular product.	16-06-90	9/00, 7/00	123	IC.
167075	01-04-87	PROJECTS & DEVELOPMENT INDIA LIMITED	A method for preparing an improved fertilizer having uniformly distributed nutrient/growth stimulant.	25-08-90	1/00	123	IC.
167552	20-10-87	DALMIA INSTITUTE OF SCIENTIFIC & INDUSTRIAL RESEARCH, AND HARI FERTILIZERS LIMITED.	Method of granulating ammonia based fertilizer	17-11-90	1/02	93	IC. IC
167692	29-04-87	PROJECTS & DEVELOPMENT INDIA LIMITED.	A process for the manufacture of urea-calcium nitrate fertilizer.	08-12-90	5/04, 9/00, 13/00	123	IC.
C 05 D			Inorganic fertilisers not covered by subclasses C 05 B, C; Fertilisers producing carbon dioxide.				
166313	22-10-85	SOUTHERN PETROCHEMICAL INDUSTRIES CORPORATION LTD.	A process for the manufacture of improved diammonium phosphate (DAP) fertiliser.	14-04-90	9/02	123	IC.
167663	10-07-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the production of fertilizer grade potassium salts and silica residue from biotite mica.	01-12-90	1/00	123-I(4)	IC.

1	2	3	4	5	6	7	8
		C 05 F.	: Organic fertilisers not covered by sub-classes C 05-B, C. e.g. fertilisers from waste or refuse.				
166080	30-12-88	DR. RAMESH TRIBHUVAN-DAS DOSHI	A method of producing reinforced organic manure,	10-03-90	3/00, 9/00, 11/00,13/00	123	1.
		C 05 G	: Mixtures of fertilisers belonging individually to different sub-classes of class C 05; Mixtures of one or more fertilisers with materials not having a specific fertilising activity, e.g. pesticides, soil conditioners, wetting agents.				
166465	18-12-86	PROJECTS AND DEVELOPMENT INDIA LIMITED.	Improvements in or relating to method of preparing coated urea fertilizer.	19-05-90	5/00	123, 144-B	IC.
		C 06	: EXPLOSIVES, MATCHES				
		C 06 B :	: Explosives or thermic compositions; : Manufacture thereof; : Use of single substances as explosives.				
166093	05-02-86	SCIETE NATIONALE DES POUDRES ET EXPLOSIFS	Apparatus for the manufacture of one or more blocks of propellant by casting.	10-03-90	47/02	72-C	FC.
166325	14-10-86	E.I. DU PONT DE NEMOURS AND COMPANY	Sensitized emulsion containing explosive compositions and method of manufacturing same.	14-04-90	29/00, 31/00	72-C	FC.
166441	27-05-86	ICI INDIA LIMITED	A process for the preparation of an ultra sensitive base charge for a detonator for an explosive composition.	12-05-90	33/00,	72-B	IC.
166559	06-03-86	E.I. DU PONT DE NEMOURS & COMPANY	An explosive composition	09-06-90	31/28	72-B	FC.
166614	03-09-86	MEGABAR CORPORATION	A method preparing a castable composite explosive propellant flare or gas generator composition.	16-06-90	25/00, 29/00, 31/20, 45/32	72-B	FC.
167097	24-03-86	IDL CHEMICALS LIMITED	An emulsion explosives composition particularly for use in underground coal mines and method of preparing same.	01-09-90	31/00	72-B GROUP- XXXIX(3)	IC.
167226	27-07-88	ICI INDIA LIMITED	Improved water-in-oil emulsion explosives and process for the preparation thereof.	22-09-90	31/00	72-B	IC.
167506	09-04-85	ICI AUSTRALIA LIMITED	A gas bubble sensitized water-in-oil emulsion explosive composition and a process for preparing the same.	10-11-90	33/02	72-C	FC.
167782	16-03-88	ICI INDIA LIMITED	Method for the production of an improved slurried or emulsion explosive composition.	22-12-90	31/00 31/02 31/28	72-B	IC.
167808	07-01-88	IDL CHEMICALS LIMITED	A process for continuous manufacture of water in oil emulsion explosives.	22-12-90	47/14	72-B GROUP- XXXIX(3)	IC.
		C 06 C	: Detonating or priming devices, Fuzes, Chemical lighters, Pyrophoric compositions.				
165766	10-12-85	ICI AUSTRALIA LIMITED	A process for the preparation of a gas bubble-sensitized explosive composition.	06-01-90	15/00	72-C	FC.

1	2	3	4	5	6	7	8
165880	02-09-85	HOECHST AKTIENGESELLSCHAFT	Process for making desensitized pulverulent red phosphorus	03-02-90	15/00	139-B	FC.
166171	02-09-85	HOECHST AKTIENGESELLSCHAFT	A process for making stabilized and desensitized pulverulent flowable red phosphorus.	24-03-90	15/00	139-B	FC.
166713	13-11-87	E.I. DU PONT DE NEMOURS AND COMPANY	Non-electric detonators without a percussion element.	14-07-90	7/00	72-C	FC.
		C 06 D :	Means for generating smoke or mist; Gas-attack compositions; Generation of gas for blasting or propulsion (chemical part).				
166668	02-09-86	SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS	A propellant composition.	30/06-90	5/00	72-B	FC.
		C 07 :	ORGANIC CHEMISTRY				
		C 07 B :	General methods of organic chemistry; Apparatus therefor.				
166561	14-11-85	LAPORTE INDUSTRIES LIMITED	A process for the resolution of a racemate.	09-06-90	57/00	32-B & C	FC.
166585	05-06-86	UOP INC.	Process for the dehydrogenation of dehydrogenatable hydrocarbons to produce a dehydrogenated hydrocarbon.	09-06-90	35/04	32-B	FC.
166667	26-08-86	UOP INC.	Process for the alkylation of an isoparaffin with olefins.	30-06-90	37/00	32-B IX(1)	FC.
166781	27-10-87	ION EXCHANGE (INDIA) LTD.	A process for obtaining individual components from a racemic mixture thereof for example D-L-2 Amino butanol.	14-07-90	57/00	32-C, 32-F 2-C	IC.
167306	28-04-86	UOP INC.	Process for the production of alkylaromatic hydrocarbon.	06-10-90	37/00	23-B	FC.
167465	03-06-88	HINDUSTAN LEVER LIMITED.	Process for preparing a nickel transition alumina catalyst.	03-11-90	35/02	32-B-IX(1) 40-B-IV(1)	IC.
167771	20-12-84	HINDUSTAN LEVER LIMITED.	Process for producing hydrogenated unsaturated organic compounds in the presence of a transition metal silicate catalyst	22-12-90	35/02	40B-IV(1)	IC.
		C 07 C :	Acyclic or carbocyclic compounds.				
165752	03-02-82	THE STANDARD OIL COMPANY	An oxidation process for oxidizing an olefin and/or an alcohol to unsaturated aldehyde and/or acid	06-01-90	51/23, 51/235, 45/28, 47/20.	32-F, 3b 32-F, 3d - IX(1)	FC.
165755	25-09-85	TOYO ENGINEERING CORPORATION	Process for producing urea.	06-01-90	126/02	32-F ₂ (C)	FC.
165757	18-10-85	UOP INC.	Process for the recovery of alkylaromatic hydrocarbons.	06-01-90	2/00	32-B	FC.
165760	03-02-82	THE STANDARD OIL COMPANY	Process for oxydehydrogenation of olefin to produce diolefin.	06-01-90	11/02	32-B-IX (1)	FC.
165769	01-01-86	SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH	A process for the preparation of 2-Ethyl Hexyl chloroformate.	06-01-90	51/12	32-F ₁	IC.

1	2	3	4	5	6	7	8
165776	20-08-85	SHELL INTERNATIONALE RESEARCH MAATSCHAPIJ B.V.	Process for the preparation of hydro-carbons by catalytic reaction of carbon monoxide and hydrogen.	06-01-90	1/04	32-B	EC.
165781	23-05-85	NIPPON CHEMIPHAR CO. LTD.	A process for the preparation of 1, 3-Oxazolidine-2-one derivative	13-01-90	413/06	32-F ₂ (6)	FC.
165790	20-07-87	RHONE POULENC CHIMIE	Process for the separation of Amino-Acids.	13-01-90	99/12	32-F ₂ (9)	FC.
165808	17-12-85	BAYER AKTIENGESELLSCHAFT	Process for the preparation of 4-Nitrodiphenylamines.	13-01-90	79/10	32-F ₂ (a)	FC.
165818	13-08-87	THE DOW CHEMICAL COMPANY	A process for preparing a meta-halo-phenolic-coupled aromatic compound.	20-01-90	39/24	32-F-1	FC.
165826	27-01-87	MITSUI TOATSU CHEMICALS, INCORPORATED	A process for the synthesis of acrylamide.	20-01-90	87/00	32-F ₂ (a) &(c)	FC.
165911	25-04-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for the preparation of 1-aryloxy/Naphthoxy-3-(Substituted-2 Benzoyl anilino) 2-propanols.	10-02-90	31/135	32-F ₁ & 32 F ₂ (a)	IC.
165946	24-06-85	CELANSE CORPORATION	Process for producing 4-Hydroxy acetophenone.	17-02-90	51/23	32-F ₃ (a)	FC.
165974	03-06-86	UOP INC.	A process for the dehydrogenation of a feed hydrocarbon.	17-02-90	5/32	32-B	FC.
166043	06-05-86	BAYER (INDIA) LTD.	A process for regeneration of aniline from waste product	03-03-90	87/52	201D-II(4) + 32F ₂ a-IX (1)	IC.
166060	07-03-85	LONZA LIMITED	A process for the preparation of optically active (—), Carnitine nitrile chloride.	03-03-90	121/453	32-F ₁	FC.
166136	22-10-85	ATOCHEM	Process for preparing 2-Tert-Amyl anthroquinone from amylibenzene and phthalic anhydride.	17-03-90	49/675	32-F ₂ (a) 32-F ₃ (d)	FC.
166169	18-11-86	WARNER-LAMBERT COMPANY	Improved process for preparing 5-(2,5-Dimethyl-Phenoxy)-2, 2-Dimethylpentanoic acid.	24-03-90	61/00	32 F ₂ (b)	FC.
166181	05-03-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	An improved process for preparation of 2-Bromo-1-phenyl ethanol.	24-03-90	31/34	32F ₁ -IX(1)	IC.
166192	30-06-87	SATYA RANJAN DAS	Method of preparing methlamine gas dissolved in water.	24-03-90	87/08	32-F ₂ C 55-E ₂	I.
166197	05-08-87	PENNWALT CORPORATION	Process for the preparation of 3-(Alkylthio) aldehydes.	24-03-90	151/00	32-F ₃ a	FC.
166250	26-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for the preparation of 2, 2, Disubstituted or unsubstituted 5-5/dibenzimidazolyl ketones.	31-03-90	49/00	32 F ₃ (d) IX(1)	IC.
166260	02-09-86	ADDITIONAL SECRETARY DEFENCE RESEARCH, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA NEW DELHI	An improved process for the preparation of dialkyl aryl actstamides.	31-03-90	103/00	32F ₂ (a)	IC.

1	2	3	4	5	6	7	8
166264	06-11-85	FRISCO-FINDUS AG.	Process for preparing new surfactants with anti-oxidant properties.	07-04-90	69/03	32F3(a)	FC.
166281	29-01-86	THE STANDARD OIL COMPANY.	Method of producing adiponitrile from acrylonitrile.	07-04-90	121/26	32-F ₃ (d)	FC.
166287	26-05-86	AMOCO CORPORATION.	A method for producing purified terephthalic acid.	07-04-90	63/14	32-F ₃ (b)	FC.
166304	14-04-87	GUJARAT STATE FERTILIZERS COMPANY LIMITED.	Improvements in or relating to a method of preparing methyl esters of dicarboxylic acids.	07-04-90	69/34 69/40 69/42, 69/44	32-F ₃ (a) -IX(1)	IC.
166352	21-11-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of methyl (+)-CIS-3, 3-Dimethyl-2-formly-Cyclopropane-1-Carboxylate.	14-04-90	27/00	32-F3(a)	IC.
166353	25-10-85	BAYER AKTIENGESELLSCHAFT.	An improved process for the preparation of nitrodiphenylamines	14-04-90	85/00	32-F2(a)	FC.
166355	19-11-85	FARMACEUTISK LABORATORIUM FERRING A/S.	A process for preparing P-amino phenols by electrolysis.	14-04-90	91/44	32-F2-(1)	FC.
166356	08-01-86	BAYER AKTIENGESELLSCHAFT.	Improved process for the production of 4-nitrodiphenylamines	14-04-90	87/54	32-F2(a)	FC.
165358	31-01-86	LABORATORIEN HAUSMANN AG.	Process for the preparation of all-cis-1 3,5-triamino-2, 4, 6-cyclohexanetriol derivatives.	21-04-90	97/00	32-F2, 55-E ₄	FC.
155454	20-03-86	UNIROYAL CHEMICAL INC.	A process for the production of 2,2,6,6-Tetraalkyl-4-Piperidylamines	12-05-90	87/00	32-F ₂ (b) 32-F ₂ (b) IX-(1)	FC.
165457	01-06-86	UNIROYAL CHEMICAL COMPANY INC.	Process for making N-mono-substituted P-phenylenediamines	12-05-90	87/58	32-F ₂ (a)	FC.
165472	05-03-85	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.	A process for the synthesis of L-tyrosyl-D-alanyl-Glycyl-L-N-Methyl-Phenyl alanyl-methionine-N-substituted amides and their corresponding sulfoxides derivatives.	19-05-90	99/00	32-F ₂ (a)	IC.
165474	30-10-85	THE LUBRIZOL CORPORATION.	A process for preparing a lubricant additives aqueous system.	19-05-90	133/16	32F ₂ (c)	FC.
166484	22-11-85	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.	A process for the production of 2-amino-phenyl aryl methanones from 2-Isocyanatobenzoic chloride.	19-05-90	95/00	32F ₂ (a)	IC.
166514	28-01-86	RHONE-POULENC AGROCHIMIE.	Process for preparing a trisubstituted N-phenyl urea.	19-05-90	127/00	32F ₂ (a) 32F ₁	FC.
166606	12-12-85	PETROLEO BRASILEIRO S. A. PETRO BRAS. AND PETROBRAS FERTILIZANTES S.A. PETROFERTIL.	A process for the self-hydrogenation of olefins in refinery gases from fluid catalytic cracking plants (FCC) and from delayed coking plants.	09-06-90	5/02	32-B	FC.
166692	24-01-86	INSTITUT FRANCAIS DU PETROLE.	Improvement in a process for producing 1-butene from the product of ethylene dimerization.	30-06-90	2/30, 11/08.	32-B GROUP- IX(1).	FC.

1	2	3	4	5	6	7	8
166720	16-05-88	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY.	A process for the preparation of 3-(4'-Bromobiphenyl-4-YL) Tetralin-1-one.	14-07-90	45/00, 45/68, 45/72.	32F ₁ + 55D ₂ + 55E ₂ +E ₄	FC.
166813	27-12-85	SHELL INTERNATIONALE RESEARCH MASTSCHAP-PIJ B.V.	A process for the preparation of heavy liquid hydrocarbons boiling above 360°C by catalytic reduction of carbon monoxide with hydrogen.	21-07-90	1/06	32-C- GROUP- IX(I).	FC.
166875	25-11-87	KRUPP KOPPERS GMBH.	Process for the preparation of P-xylene of a purity of at least 99.5%.	28-07-90	7/14	32-B, 40E	FC.
166876	18-01-88	HOECHST AKTIENGESELLSCHAFT.	Process for the production of high-purity tetrachloro-1, 4-Benzoquinone.	28-07-90	50/04	32-F ₁	FC.
166884	31-08-88	HOECHST AKTIENGESELLSCHAFT.	Process for the preparation of oxethyl-sulfonyl-Benzaldehydes.	04-08-90	147/103	32-F ₄	FC.
166896	17-09-85	NIPPON CHEMIPHAR COMPANY LIMITED.	A process for preparing an amino-alcohol derivatives.	04-08-90	91/02	32-F ₂ (a) -(b)-GROUP- IX(I).	FC.
166934	22-01-86	UNION CARBIDE CORPORATION.	A process for producing aldehydes from olefins by hydroformylation.	11-08-90	45/50	32-F, 3(a)	FC.
166944	19-02-88	SDS BIOTECH KABUSHIKI KAISHA.	Process for producing tetra-fluorophthalic acid.	11-08-90	63/16	32-F, 1- GROUP- IX-(1).	FC.
166969	30-07-86	UOP INC.	Process for separating mono-terpenes.	11-08-90	7/12	32-B	FC.
166988	04-04-86	DEUTSCHE TEXACO AG.	A process for continuous production of an alcohol.	18-08-90	29/04, 31/02	32-F, 3(c)- IX(1).	FC.
167010	21-07-86	THE M.W. KELLOGG COMPANY.	A process for steam cracking hydrocarbons.	18-08-90	4/04, 11/04	32-B	FC.
167022	23-04-86	ASHOK RAMNANEY.	An improved method for the direct production of oil soluble polyvalent metal sulphonates.	18-08-90	139/00	32-E	F.
167040	26-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of pharmaceutically active 2, 2'-Dioaralkoxyamino-5, 5'-dibenzimidazoly ketones.	18-08-90	49/00	32-F3(d) -IX(1).	IC.
167057	04-09-84	BEROL KEMI AB.	A process for the manufacture of polyamines having high content of primary amino groups.	25-08-90	85/02	32-F-2(C) -GROUP- IX(I)	FC.
167067	04-05-88	SEARLE (INDIA) LIMITED.	An improved process for the preparation of 2-Arylethyl aryl-methylethers.	25-08-90	41/00, 43/00	32F3 (a)- IX(I)+ 55D ₂ - XIX(I).	IC.
167072	06-08-86	HOECHST AKTIENGESELLSCHAFT.	Process for the preparation of halophenyl hydroxyethyl sulphides.	25-08-90	149/34, 149/36	32-F ₁	FC.
167112	16-01-86	UOP INC.	A process for separating of 1,3-Butadiene from a feed mixture.	01-09-90	7/13	32-B	FC.
167120	15-12-86	UOP INC.	Process for separating isomers of toluene diamine.	01-09-90	87/50	32F-2(a)	FC.

1	2	3	4	45	6	7	8
167139	24-07-86	SEARLE (INDIA) LTD.	A process for the preparation of aroyl ureas from aroyl thioureas.	01-09-90	127/00	32F1-IX(1)+32F2(a)-LX(1)+55D2-XIX(1)	IC.
167140	24-07-86	SEARLE (INDIA) LTD.	A process for the preparation of aroyl ureas from aroyl thioureas.	01-09-90	127/00	32F1-IX(1)+32F2(a)-IX(1)+55D2-XIX(1)	IC.
167179	30-06-86	HOECHST AKTIENGESELLSCHAFT.	Process for producing purified hydrogen chloride gas during chloroacetic acid manufacture.	15-09-90	53/16	39—A-GROUP-III	FC.
167196	09-10-84	NORMAN LOUIS WEINBERG. SKA ASSOCIATES.	An improved method of making ethylene glycol by the electro-Chemical reduction of a formaldehyde-containing electrolyte.	15-09-90	29/36, 31/20	32F3(c)-F GROUP IX(1)	FC.
167204	09-04-87	LABORATORIOS DEL DR. ESTEVE S.A.	A process for the preparation of benzimidazolesulfonamides and imidazopyridine sulfonamids.	22-09-90	149/453	32F2(d)	FC.
167260	25-04-84	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	A process for the preparation of hydrocarbons by catalytic reaction of carbon monoxide with hydrogen.	29-09-90	1/04	32-B & 56F—GROUPS-IX(I) & V.	FC.
167308	22-05-86	UNION CARBIDE CORPORATION.	Process for the production of desired products such as ammonia and methanol from the feed gas streams.	06-10-90	31/04	32 F3-(C)	FC.
167370	12-01-89	INSTITUT BIOORGANICHESKOI KHIMII AKADEMI-NAUK UZBEKKOI SSR USSR.	Method for purification of 2, 2'-DI-(1, 6, 7-Trihydroxy-3-Methyl-5-Isopropyl-8-Naphthal-Dehyd).	13-10-90	47/57	32 F3C 55 E4.	FC.
167390	01-07-86	SNAMPROGETTI S.P.A.	Process for the production of tertiary olefins by decomposition of alkyl-tert. Alkyl ethers.	20-10-90	1/20	32 B-GROUP-IX(I).	FC.
167392	06-08-86	BASF AKTIENGESELLSCHAFT.	An electrochemical process for preparing carbamic acid esters.	20-10-90	125/06	32 F3(a) & 70-C-GROUP-IX(I) and LVIII(5).	FC.
167394	03-06-88	LABORATORIES FLORK S.A.	A process for the recovery of a mixture of amino-acids in aqueous solution using ion exchange resins.	20-10-90	99/12	32-F-2-(c)	FC.
167395	22-06-88	F. HOFFMANN-LA-ROCHE AG.	A process for the manufacture of hydrocinnamic acid derivatives.	20-10-90	101/02	32—F2(a)-GROUP-IX(I).	FC.
167397	07-07-88	ATOCHEM.	A process for the preparation of a perfluoro-alkylbromide.	20-10-90	17/20	32 F1-GROUP-IX(I).	FC.
167398	06-09-88	HOECHST AKTIENGESELLSCHAFT.	A process for the preparation of 4-Halo-3-OXO-2-ALKOXY-Iminobutyric esters.	20-10-90	67/307	32—F1-GROUP-IX(I).	FC.

1	2	3	4	5	6	7	8
167448	12-06-86	SNAMPROGETTI S.P.A. & NIMSK-NAUCHNOISLEDOVATELSKII INSTITUT MONOMEROV DLI SIN-TETI-CHESKOGO KAU-CHUKA.	Method for the preparation of a catalyst for the dehydrogena-tion of C ₃ —C ₅ paraffins.	27-10-90	5/333	40Bm, 32B- GROUP- IV(I), IX(I).	FC.
167478	01-09-88	INSTITUTO GUIDO DON-EGANI S.P.A.	Process for the production of N-(Halobenzoyl)-N'-2-Halo-4-1, 1,2 Trifluoro-2-(Trifluoromethoxy-Phenyl)-ureas.	03-11-90	127/00 127/19.	32—F1+ 55D ₂ .	FC.
167479	28-01-85	THE LUBRIZOL CORPO-RATION.	Improved process for making substituted carboxylic acids and derivatives thereof.	03-11-90	102/00 103/00, 135/00.	32—F ₃ (b)	FC.
167486	12-09-86	TOYO ENGINEERING CORPORATION.	A process for treating urea gra-nules with a urea melt as liquid coating material in a fluidizing bed to obtain coated urea granules.	10-11-90	126/10	123	FC.
167487	26-09-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RE-SEARCH.	Process for the preparation of esters.	10-11-90	101/00	32—F ₃ (a)	IC.
167509	17-04-86	BAYER AKTIENGESELLS-CHAFT.	Process for the production of 4-Nitro-diphenylamines.	10-11-90	85/04	32—F ₂ (a)	FC.
167511	02-01-87	SIR PADAMPAT RESEAR-CH CENTRE.	A process for producing de-methyl terephtalate.	10-11-90	65/14, 27/10, 51/00.	32—E1 X(I)	IC.
167578	19-07-88	COMETEC S.R.I.	A process for preparing growth promoting compound for animals.	17-11-190	103/30	32—F-2(a) ₁ GROUP- IX(I)	FC.
167592	13-11-86	ATOCHEM.	Process for the synthesis of chlo-ropentafluoroethane from dichlo-rotetrafluoroethane and hydro-fluoric acid.	17-11-90	17/20, 19/08.	32—F ₁ ,1- GROUP- IX(I).	FC.
167617	08-04-87	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	A process for the preparation of X-aryl propionic acids.	24-11-90	57/30	32-F1, 32F, 3(b)-IX(I).	IC.
167636	03-09-86	LINDE AKTIENGESELLS-CHAFT.	A process for the recovery of C ₂ +or C ₃ +Hydrocarbons from gaseous mixtures containing hydrocarbons and/or inerts.	24-11-90	7/11	32—B- GROUP- IX(I)	FC.
167650	21-01-88	ARCO CHEMICAL COM-PANY.	A method of preparing epoxide extended polyol esters.	01-12-90	51/235	32—C	FC.
167678	23-03-84	THE DOW CHEMICAL COMPANY.	A process for producing alcohols.	08-12-90	27/22	32—F ₃ (c) GROUP- IX(I).	FC.
167684	19-04-88	COUNCIL OF SCIENTIFIC & INDUSTRIAL RE-SEARCH.	An improved process for the selective hydroformylation of aliphatic olefins to correspond-ing linear aldehydes.	08-12-90	47/00, 47/02.	32—F ₃ (a)	IC.
167686	24-06-87	NOBEL KEMI AB.	A method of preparing 5-amino salicylic acid.	08-12-90	103/10	32—F ₂	FC.
167688	09-05-88	DR. SATISH CHANDRA BISARYA & DR. (MS). RAMA RAO.	A process for the preparation of ethyl salicylate.	08-12-90	69/773	32—F3-C.	I.

1	2	3	4	5	6	7	8
167689	09-05-88	DR. SATISH CHANDRA BISARYA AND DR.(MS), RAMA RAO.	A process for the preparation of methyl salicylate.	08-12-90	69/773	32—F & 3C 1.	
167720	30-09-88	1. TSUNEYOSHI KAWATE. 2. TSUYOSHI OHNISHI.	A process of preparing a hydrophobic acetoxy-alkyl ester of prostaglandin.	08-12-90	177/00	32—F ₃ (c) & (d)-IX(I)	F.
167755	22-09-86	UNION CARBIDE CORPORATION.	Process for the separation of hydrocarbons from a mixed feedstock.	15-12-90	7/04	56—EV	FC.
167758	17-12-86	EXXON RESEARCH AND ENGINEERING COMPANY AND TECHNICAL DEVELOPMENT AND RESEARCH WORK.	A method for extracting aromatic hydrocarbons from hydrocarbon oils.	15-12-90	7/10	32—B	FC.
167770	12-01-88	UOP INC.	Separation of citric acid from fermentation broth with a non-zeolite polymeric adsorbent.	15-12-90	59/265	32—F ₃ , t- IX(I).	1 C.
167776	18-08-88	HINDUSTAN LEVER LIMITED.	Process for synthesizing a disalt of monoester of citric acid.	22-12-90	69/66, 69/704	169—VI.	1C.
167812	10-07-86	SOCIETE FRANCAISE 'D' ORGANO SYNTHESE (S. F. O.S.).	A process for the production of methacrylic esters.	22-12-90	67/02, 69/54.	32—F ₃ (a) GROUP- IX(I).	FC.
167822	10-04-87	E.I.DU PONT DE NEMOURS AND COMPANY.	Improved process for preparing isocyanates.	29-12-90	118/00, 119/042	32—F ₂ (c) 55—D2.	FC.
167825	29-07-87	PENNWALT CORPORATION.	A process for the continuous preparation of Dialkanesulfonyl peroxides.	29-12-90	179/06	32—F ₃ (d)	FC.
167840	08-12-87	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.	Process for the preparation of 3, 5-xyleneol.	29-12-90	31/13	32—F ₃ C.	1C.
167848	30-08-88	DEXTER BIOTECHNICS INC.	A method of preparing a fumaramide compound useful for treating psoriasis.	29-12-90	103/18	32—F ₃ a-GROUP- IX(I).	FC.
C 07 D : HETEROCYCLIC COMPOUNDS							
165762	30-05-85	PFIZER INC.	A process for the preparation of sorbinil.	06-01-90	291/00	32—F ₁	FC.
165859	15-04-86	THE HALCON SD GROUP INC.	An improved cyclic process for the production of ethylene oxide.	27-01-90	301/00	32—F ₅ (a)	FC.
165884	09-02-87	LABORATORY GUIDOTTI S. P.A.	Process for the preparation of quarternary derivatives of novel esters of N-alkyl nortropines.	03-02-90	451/00	55—E ₁ , E ₄	FC.
165918	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of novel CIS-1, BENZOLE-1,2,3,4, 4a, 5,11,11a-OCTAHYDRO-6H-PYRIDO (3, 2-b) CARBAZOLE and CIS-4-BENZOLE-1, 2, 3, 4, 4a, 5, 6, 11c, OCTAHYDRO-7H-PYRIDO (2, 3c-) CARBAZOLE.	10-02-90	209/82	32—F ₂ (b)	1C.
165919	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of novel CIS 1, 2, 3, 4, 4a, 5, 11, 11a-OCTAHYDRO-6H-PYRIDO (3, 2-b) CARBAZOLE.	10-02-90	209/82	32—F ₂ (b)	1C.

1	2	3	4	5	6	7	8
165924	18-01-83	SPA SOCIETÀ' PRODOTTI ANTIBIOTICI S.P.A.	Process for the preparation of rifamycin derivative salts.	10-02-90	498/10	32—F2	FC.
165975	16-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	An improved process for the preparation of L-N-PROPYL-3, 4-DIHYDRO-P-CARBOLINE.	17-02-90	457/00	32—F2(b)	IC.
165933	03-01-85	PFIZER INC.	A process for preparing a 2-oxindole-1-carboxamide compounds.	17-02-90	209/00	32—F2(b) IX(I).	FC.
165937	24-06-87	MEDIOLANUM FARMACEUTICI SRL.	Process for preparing highly soluble anti-bacterially active organic salts of pyridobenzothiazines	03-03-90	279/00	32—F2(b)	FC.
166120	14-12-84	HOECHST INDIA LTD.	A process for the preparation of pharmaceutically active oxygenated labdane derivatives.	17-03-90	311/00	55E4-XIX(1)	IC.
166255	14-06-85	ALKALOIDA VEGYESZETI GYAR.	A process for the preparation of N-demethyl-morphinan derivatives.	31-03-90	489/00	32—F	FC.
166233	30-05-86	THE GOODYEAR TIRE & RUBBER COMPANY.	Process for the preparation of N-tetrathiodimorpholine.	07-04-90	295/00	32—F2(b)	FC.
166116	13-03-86	PFIZER INC.	A process for preparing a substituted bridged-diazabicycloalkyl quinolone carboxylic acids.	05-05-90	291/00	55—E4, 32—F1.	IC.
166420	29-01-88	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of novel-2-substituted 1, 2, 3, 4, 6, 6a, 7, 11b, 12, 12a, decahydro-pyrazino (2'.1 : 6.1) Pyrido (3, 4-b) indoles.	05-05-90	209/04	32—F-2(b)	IC.
166437	20-08-86	NUCHEM PLASTICS LTD.	An improved process for the preparation of acetoxy hydrazobenzene.	05-05-90	107/06	32—F2(a) IX(I).	IC.
166452	27-02-86	PFIZER INC.	A process for preparing crystalline, anhydrous sodium salt of 19-deoxyglycone dianemycin.	12-05-90	309/00	32—F3(2)	FC.
166471	02-08-85	LIPHA, LYONNAISE INDUSTRIELLE PHARMACEUTIQUE.	A process for the preparation of 5, 6-dihydro-4H-cyclopenta (b) thipophene-6-carboxylic acids.	19-05-90	333/78	32—F3(b) 32—F4	FC.
166473	16-10-85	FMC CORPORATION	A process for producing an insecticidal pyrazoline.	19-05-90	231/56	55-D	FC.
166475	12-12-85	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	An improved method for the preparation of 3-ethyl-8-methyl 1, 3, 8-triazabicyclo (4,4,0) decan-2-one (Centperazine).	19-05-90	241/38	32-F2(b)	IC.
166513	24-09-85	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	Process for preparing 4-hydroxycoumarin derivatives.	19-05-90	311/00	32—F3 b & 32-F(1)	FC.
166530	11-08-87	AMERICAN CYANAMID COMPANY.	A method of preparing a novel aqueous herbicidal imidazolinone composition.	02-06-90	213/00, 215/00, 233/20	32-F2-b 55-D2	FC.
166581	15-07-85	PFIZER INC.	A process for the preparation of a biologically-active tetracyclic spiro hydrantoin derivative.	09-06-90	233/72	32-F2(b), 32-F1	FC.
166590	15-07-85	PFIZER INC.	A process for the preparation of a biologically-active tetracyclic spiro hydrantoin derivative.	09-06-90	233/72	32-F1-32-F2b.	FC.

1	2	3	4	5	6	7	8
166670	24-12-86	FMC CORPORATION.	A process for the preparation of 1-aryl-4-substituted-1, 4-dihydro-5h-tetrazol-5-ones.	30-06-90	257/04	32-F2(e)-IX(I).	FC.
166681	14-04-86	BAYER AKTIENGESELLSCHAFT.	Process for preparing substantially pure benzothiazolesulphonamides in a yield of more than 90.	30-06-90	277/62	32-F2(d)	FC.
166744	08-12-86	HOECHST AKTIENGESELLSCHAFT.	A process for preparing a water-soluble triphenyldioxazine compound.	14-07-90	519/00	32-F1-	FC.
166761	20-04-88	HOECHST INDIA LIMITED.	A process for preparing novel chemotherapeutically active, 5, 8-dimethoxy-2, 3-di (4'-substituted aminomethylphenyl) quinoxaline derivatives and pharmaceutically acceptable salts thereof.	14-07-90	241/40, 241/42	32-F2(b)-IX(I)+ 55-E2+E4 -XIX(I).	IC.
166802	27-07-87	HINDUSTAN LEVER LIMITED.	Method of producing active gamma-hydroxy-DECANOIC acid and optionally lactonised product thereof.	21-07-90	307/32	32F3DIX(I)	IC.
166818	28-10-85	ANTIBIOTICOS S.A.	A method for purifying clavulanic acid.	21-07-90	498/02	32-F2(b)	FC.
166827	30-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	An improved process for the preparation of ethyl morphine.	21-07-90	489/00	32-F2(b)	IC.
166898	15-04-88	MITSUBISHI CHEMICAL INDUSTRIES LIMITED.	A process for producing a purazole derivative.	04-08-90	231/10	32-F2(b)-Group-IX(I)	FC.
166900	11-04-88	HOECHST INDIA LTD.	A process for the preparation of novel pharmacologically active polyoxygenated labdane derivatives.	04-08-90	311/00 311/02.	32-F3(d)-IX (I)+ 55E4-XIX (I)	IC.
166959	20-03-85	KYORIN SEIYAKU KABUSHIKI KAISHA.	A process for the preparation of quinoline carboxylic acid derivatives.	11-08-90	401/04	32-F,2(b)-Group-IX(I)	FC.
167023	25-04-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of 1-formyl-4 substituted piperazines useful as male fertility regulating agents.	18-08-90	251/02	32-F2(b)	IC.
167050	14-03-86	CHIMICA DEL FRUILI S.P.A.	A method of preparing w-lactams containing 5 to 14 carbon atoms.	25-08-90	223/10	32-F2(b)-Group-IX(I)	FC.
167060	21-01-87	LABORATORIES DELAGRANGE.	Process for the preparation of dihydrobenzofuran and chroman-carboxamide derivatives.	25-08-90	307/78 311/04	32-F2d	FC.
167189	03-04-86	MITSUI TOATSU CHEMICALS INC.	Improvement in a process for producing 1, 3-dialkyl-2-imidazolidinone.	15-09-90	233/32 233/48	32-F2(b)-Group-IX(I)	FC.
167210	23-07-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of dinoxanthenes or thioxanthenes.	22-09-90	311/82, 335/12.	32-F2-IX (I)	IC.
167269	27-07-88	AMERICAN CYNAMID COMPANY.	A process for preparing arylpyrrole compound.	29-09-90	207/00, 209/00.	32-F; 2B	FC.
167289	16-12-86	SOCIETE D'ETUDES SCIENTIFIQUES ET INDUSTRIELLES DETLIE 3-4 DEFRAANCE.	A process for preparing substituted benzamides and physiologically acceptable acid addition salts thereof.	29-09-90	233/44, 263/48, 277/42.	32-F2 (b)-GROUP-IX (I)	FC.

1	2	3	4	5	6	7	8
167290	27-07-88	MEIJI SEIKA KAISHA LTD.	Process for preparing N-alkylbenzenesulfonylcarbamoyl-5-chloroisothiazole derivatives.	29-09-90	275/02	32-F ₂ (b) & -IX(I)	FC.
167425	22-02-89	HOECHST INDIA LIMITED	A process for the preparation of novel chemotherapeutic thieno (4, 5-g) quinoxalines and pharmaceutically acceptable salts thereof.	27-10-90	417/00 417/02.	32-F1. 32F2(b) IX(I) 55E4-XIX(I)	IC.
167491	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of novel cis 1, 2,3,4,4a,5,6,11c-octahydro-7h-pyrido (2,3-c) carbazole.	10-11-90	209/82	32-F ₂ (b)	IC.
167492	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of CIS-1-ALKYL substituted 1,2,3, 4,4a,5,11,11a-octahydro-6H-pyrido (3, 2 (b) carbazole.	10-11-90	209/32	32-F2(b)	IC.
7493	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of CIS-4-ALKYL substituted 1,2,3, 4,4a,5,6,11-c octahydro-7H-pyrido (2, 3-c).	10-11-90	209/82	32-F2(b)	IC.
167494	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of CIS-4-methyl 1,2,3,4,4a,5,6,11C-octahydro-7H-pyrido (2,3-C) carbazole.	10-11-90	209/82	32-F2(b)	IC.
167500	31-12-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of 2-amino-4-alkyl-6-alkoxy-s-triazines.	10-11-90	251/54	32—F2(b) IX(I)	IC.
167550	03-08-88	LABORATORIOS DELA-GRANGE.	Process for preparing 1,4-dihydropyridine derivatives and their acid addition salts.	10-11-90	405/04	32—F2(b) GROUP-IX(I).	FC.
167562	21-07-87	SAARSTICKSTOFF-TATOL GmbH.	Preparation novel substituted 2, 4 diamino-5-benzylrimidines, for use as medicaments with an antimicrobial activity.	17-11-90	239/48	32—F2(a)	FC.
167587	11-02-87	PFIZER INC.	Process for the preparation of 5-(3-polycycloalkoxy-4-alkoxy phenyl) hexahydro 2-pyrimidones.	17-11-90	239/02, 239/04.	32—F2(b)	FC.
167599	30-01-87	NIPPON CHEMIPHAR CO. LTD.	A Process for the preparation of an alkylene-diamine derivatives.	17-11-90	295/04	32—F2-GROUP-IX(I).	FC.
167600	05-10-88	THE ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH.	A process for preparing spiro-oxathiolane/quinuclidine compounds.	17-11-90	515/00	32—F2B-GROUP-IX(I).	FC.
167606	22-08-88	TAKEDA CHEMICAL INDUSTRIES, LTD.	Process of producing sulfonylureas.	24-11-90	487/00, 513/00.	32—F2b. GROUP-IX(I).	FC.
167610	02-06-87	MITSHUI TOATSU CHEMICAL INC.	Process for producing cyclic ureas.	24-11-90	233/04	32—F2b. GROUP-IX(I)	FC.
167628	11-02-87	PFIZER INC.	A process for the preparation of phosphodiesterase inhibitor antidepressant.	24-11-90	239/20	32—F2(b)	FC.
167629	11-02-87	PFIZER INC.	A process for the preparation of 5-(3-Polycycloalkoxy-4-alkoxy phenyl) hexahydro-2-pyrimidones.	24-11-90	239/20	32—F2(b)	FC.

1.	2.	3.	4.	5.	6.	7.	8.
167630	11-02-87	PFIZER INC.	A process for the preparation of phosphodiesterase inhibitor antidepressant.	24-11-90	239/02	32—F ₂ b, IX(I).	FC.
167681	03-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the synthesis of novel CIS-1-METHYL-1, 2, 3, 4, 4a, 5, 11, 11a, -OCT a hydro-6-H-pyrido (3,2-b) carbazole.	08-12-90	209/82	32—F ₂ (b)	IC.
167709	12-07-88	TAKEDA CHEMICAL INDUSTRIES LTD.	Process for preparing an α -unsaturated amine.	08-12-90	521/00	32—F ₂ (b) GROUP-IX(I).	FC.
167766	18-06-87	THE GOODYEAR TIRE & RUBBER COMPANY.	Improved process for the preparation of N, N'-chlorothiodimorpholine.	15-12-90	295/90	32—F ₂ b	FC.
167775	13-09-89	HOECHST INDIA LTD.	A process for the preparation of novel chemotherapeutically active 3 α 12, epoxy-3, 4, 5 α , 6, 7, 8, 8a α , 9, 10, 12 β , 12a, Dodecahydro-10—Hydroxy 3 β , 6, 9 β , trimethyl pyr no. (4, 3-j) (1, 2) benzodioxepin derivatives and pharmaceutically acceptable salts thereof.	22-12-90	313/10	32—F ₁ -IX(I), 55-E4-XIX(I)	IC.
C 07 F : Acyclic, carbocyclic or heterocyclic compounds containing elements other than carbon, hydrogen halogen, oxygen, nitrogen, sulphur, selenium or tellurium.							
166282	04-02-86	AMOCO CORPORATION.	A process for the color stabilization of a zinc-di-alkyl-di-thio-phosphate.	07-04-90	5/02	32—D,	FC.
166292	27-09-85	CORNING GLASS WORKS.	A method of making a beta-diketonate chemical complex of magnesium or zinc.	07-04-90	3/02, 3/06.	32—D	FC.
C 07 H ; Sugars, derivatives thereof; Nucleosides; Nucleotides; Nucleic acids.							
166499	02-02-88	TAKEDA CHEMICAL INDUSTRIES LTD.	A method of preparing nucleoside analogs.	19-05-90	19/173	32—F ₂ (b)	FC.
167595	30-08-88	1. INSTITUTE NATIONAL DE L'ETUDE ET DE LA RECHERCHE AGRICOLE (INRA). 2. INSTITUT PASTEUR. 3. COMMISSARIAT A L'ENERGIE ATOMIQUE (CEA).	A process for preparing synthetic oligonucleotides useful as probes for the male genome of ruminants, particularly of the genus bos.	17-11-90	21/00	32—C-GROUP-IX(I)	FC.
167609	28-10-88	PRO-NEURON, INC.	A method of preparing an acyl derivative of deoxyribonucleoside.	24-11-90	19/00	32—F ₂ (b) GROUP-IX(I).	FC.
167680	28-10-88	PRO-NEURON, INC.	A method of preparing an acyl derivative of uridine.	08-12-90	19/00	32—F ₂ (b) GROUP-IX(I).	FC.
C 07 J : Steroids							
166059	07-03-86	TEIKOKU HORMONE MFG. CO. LTD.	Process for the preparation of 2-oxa-or-aza-pregnane compounds.	03-03-90,	73/00	32—F ₁	FC.
166480	17-11-86	DHARAM PAUL JINAI AND MANGE RAM YADAV	A process for the preparation of 17 α -methyl-4-androsteno (3,2-c) isoxazole-4, 17-diol.	19-05-90	75/00	32—F ₂ (b)	J.

1.	2.	3.	4.	5.	6.	7.	8.
167136	04-05-88	CIPLA LTD.	A process for the preparation of pharmaceutically active synthetic Z and E terco-isomeric mixture of guggulsterones.	01-09-90	75/00	32—F3(d) IX(I) 55 E4-XIX(I)	FC.
C 07 K : Peptides ; Proteins.							
166069	10-08-87	PHILLIPS PETROLIUM COMPANY.	A method for recovering lipophilic proteins from host cells of the genus pichia.	10-03-90	15/00	32—C	FC.
166284	31-03-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of collagen derivatives from rejected and poor quality hides and skins useful for incorporation in cosmetic formulations.	07-04-90	3/00, 15/00.	114—D	I C.
166599	25-02-86	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM.	A method for purifying original peptides or proteinaceous substances.	09-06-90	1/00	32—C	IC.
166796	04-08-87	FIDIA S.P.A.	Process for the preparation of neurotrophic factor.	21-07-90	15/06	55—E ₃	FC.
167058	13-11-84	SCHMID LABORATORIES INC.	A method of making a thin collagen film article.	25-08-90	15/00	34—A- GROUP-X.	FC.
167198	12-04-88	VIRAL TECHNOLOGIES INC.	Method of producing a peptide.	15-09-90	7/08	32—C- GROUP- IX(I).	FC.
C 08 : ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP ; COMPOSITIONS BASED THEREON.							
C 08 B : Polysaccharides ; Derivatives thereof.							
166309	02-07-87	AHMEDABAD TEXTILES INDUSTRY'S RESEARCH ASSOCIATION.	Process for the preparation of hydroxyalkyl ethers of polysaccharides.	07-04-90	31/08, 31/10, 37/02.	32—F _{3a} - IX(I)+34- D-X.	IC
166549	22-06-87	FIDIA S.P.A.	A process for the preparation of partial or total esters of alginic acid.	02-06-90	37/04	32—C	FC.
167276	01-05-86	ENICHEM ELASTOMERI S.P.A.	An improved process for preparing butadiene polymers.	29-09-90	136/06	32—E- GROUP- IX(I).	FC.
167499	03-12-87	WARNER-LAMBERT COMPANY.	A method for producing dextrinized starch.	10-11-90	31/00	1—E-XIII (I)	FC.
C 08 C : Treatment or chemical modification of rubbers.							
165756	03-10-85	EXXON RESEARCH AND ENGINEERING COMPANY.	A process for the continuous bromination of a butyl rubber polymers.	06-01-90	19/12	32—E	FC.
165931	26-02-86	ASHOK DAWAR.	Process for making improved rubber latex foam upholstery product.	10-02-90	19/00	104-N	I.
167730	17-12-87	OPYTNO-EXPERIMENTAL-NY ZAVOD POLIMERNY-KHIZDELY.	Process for preparing rubber powder from natural or synthetic rubber.	15-12-90	4/00	104—K	FC.

1.	2.	3.	4.	5.	6.	7.	8.
167854	29-07-86	THE BOARD OF THE RUBBER RESEARCH INSTITUTE OF MALAYSIA	Process for the production of epoxidised natural rubber from fresh natural rubber field latex.	29-12-90	1/02	104—C-XII(I)	FC.
C 08 F : Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds.							
165746	30-05-86	AMETEK INC.	Method of making halo genated and/or interhalogenated resins for disinfecting water.	06-01-90	29/14	32—E	FC.
165764	03-12-85	BP CHEMICALS LIMITED.	Process for the polymerisation or copolymerisation in the gas phase of alpha olefins.	06-01-90	236/00	32—E	FC.
165770	13-02-86	BP CHEMICALS LIMITED.	Gas fluidized bed process for the production of copolymers.	06-01-90	10/02, 10/06, 10/08.	32—E-IX(I)	FC.
165803	21-08-85	THE B.F. GOODRICH COMPANY.	Process for rendering the internal surfaces of a polymerization reaction vessel substantially resistant to polymer build-up.	13-01-90	2/00	40—F	FC.
165809	18-12-85	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	Process for the preparation of degraded modified C ₃ —C ₈ & monoolefin homopolymer or copolymers.	13-01-90	10/00	32—E	FC.
165972	05-05-86	THE B. F. GOODRICH COMPANY	A process for polymerizing in an aqueous medium one or more ethylenically unsaturated monomers.	17-02-90	2/16	32—E-IX(I)	FC.
166026	18-11-85	INSTITUT FRANCAIS DU PETROLE AND SOCIETE CHIMIQUE DES CHARBONNAGES.	A process for producing an ethylene/1-butene copolymer.	03-03-90	210/16.	32—E	FC.
166088	10-11-86	MITSUMI TOATSU CHEMICALS INCORPORATED.	An improved process for producing polymers.	10-03-90	6/28	32—E	FC.
166094	14-05-86	BP CHEMICALS LIMITED	A method for producing a low smoke and flame retardant thermoplastic elastomer composition.	10-03-90	126/00	152—E	FC.
166130	22-12-86	MITSUMI TOATSU CHEMICALS, INCORPORATED	Improved for the production of block copolymer of propylene.	17-03-90	293/00	32—E	FC.
166314	11-08-86	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	Process for preparing novel copolymers of carbon monoxide, ethene and another olefinically unsaturated hydrocarbons.	07-04-99	210/00	32—F	FC.
166418	24-09-85	CIBA-GEIGY AG	A process for the production of copolymers from unsaturated polysilikanes.	05-05-90	30/08	32—E	FC.
166419	18-12-85	T. R. DEVELOPMENTS LIMITED.	A process for the production of hydrogel forming polymers.	05-05-90	299/00	32—E-IX(I)	FC.
166453	07-03-86	UNIROYAL CHEMICAL COMPANY, INC.	A low temperature stable liquid composition used as polymerisation inhibitor.	12-05-90	8/00	40—B	FC.
166463	09-12-86	MITSUMI TOATSU CHEMICALS, INCORPORATED.	A method for preparing polypropylene by polymerizing pro-	19-05-90	110/06	32—E	FC.

1.	2.	3.	4.	5.	6.	7.	8.
166529	18-02-86	KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA.	A process for producing poly-vinyl chloride resin.	26-05-90	114/06, 214/06.	32—E	FC.
166544	27-04-87	AUSIMONT S.P.A.	Process for the polymerization in aqueous dispersion of fluorinated monomers.	02-06-90	2/00, 114/00	32—E	FC.
166555	22-12-87	BIOPOLYMERS LIMITED.	A process for producing biocidal or biostatic compound.	09-06-90	120/42	32—E	FC.
166609	31-12-85	KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA.	A process for producing vinyl chloride resin.	09-06-90	114/03	32—E-IX(I)	FC.
166637	10-11-86	mitsui toatsu chemicals, INCORPORATED.	Process for the preparation of a propylene homo-or copolymer of controlled molecular weight.	30-06-90	2/02, 10/02, 10/04, 10/06.	32—E	FC.
166651	19-09-85	BP CHEMICALS LIMITED.	Process for the polymerisation of ethylene or the copolymerisation of ethylene and alphaolefins in a fluidised bed in the presence of a chromium based catalyst.	30-06-90	2/00	32—E	FC.
166691	13-01-86	CIBA-GEIGY AG.	A process for the preparation of co-polymer for making an optically clear soft contact lens.	30-06-90	216/06	32—E	FC.
166754	03-12-85	BP CHEMICALS LIMITED.	An improved process for polymerisation or copolymerisation of ethylene and at least one other alpha-olefin in the gas phase in the presence of a catalyst based on chromium oxide.	14-07-90	2/34	32—E	FC.
166774	18-06-86	EXXON CHEMICAL PATENTS INC. AND TECHNICAL DEVELOPMENT AND RESEARCH WORK.	A method for preparing an olefin polymerisation supported catalyst.	14-07-90	4/00, 4/16.	40—B-IV(I).	FC.
166853	05-06-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the electrosynthesis of conducting polythienylenes.	28-07-90	2/04, 2/06	32—F	IC.
166865	10-03-86	UNION CARBIDE CORPORATION.	Process for simultaneously dimerizing ethylene and copolymerizing ethylene with the dimerised product.	28-07-90	2/34, 210/02, 4/64.	32—E-IX(I)	FC.
166920	08-09-86	THE B.F. GOODRICH COMPANY.	An improved process for the purification of vinyl chloride to produce vinyl chloride monomer.	04-08-90	14/06	32—F ₁	FC.
166935	23-01-86	HIMONT INCORPORATED.	A process for making solid, gel-free poly propylene.	11-08-90	8/00, 110/06.	32—E-GROUP-IX(I).	FC.
166943	13-02-86	THE DOW CHEMICAL COMPANY.	A process for preparing an improved solid polymer.	11-08-90	8/34	32—E-GROUP-IX(I).	FC.
167018	28-08-86	THE LUBRIZOL CORPORATION.	A method for producing homopolymers and copolymers of amido-sulfonic acid containing monomers and salts thereof.	18-08-90	220/54	32—E	FC.

1	2	3	4	5	6	7	8
167035	25-07-86	ALLIED CORPORATION	Process for the preparation of thermoset terpolymers.	18-08-90	112/00	32-E	FC.
167041	23-03-83	UNION CARBIDE CORPORATION	A method for producing polymers by polymerizing one or more organic monomers.	25-08-90	2/00	32-E-GROUP-IX(I)	FC.
167107	28-08-87	AUSIMONT S.P.A.	Extrusion processable paste comprising a homopolymer or a copolymer of tetrafluoroethylene	01-09-90	114/26	152-E	FC.
167176	06-06-86	ENICHEM ELASTOMERI S.P.A.	Reactor for carrying out polymerization reaction in systems with high concentration of polymers.	15-09-90	2/00	40-F GROUP IV(I)	FC.
167297	07-03-88	INDIAN PETROCHEMICALS CORPN. LTD.	A process for the preparation of an improved catalytic composite material useful for the alkylation of toluene with methanol to xylenes.	06-10-90	1/00	40B-IV(I)	IC.
167317	01-05-86	ENICHEM ELASTOMERI S.P.A.	A process for catalytically preparing 1,4-CIS polybutadiene.	06-10-90	136/06	32-E GROUP-IX(I)	FC.
167341	29-05-86	ENICHEM ELASTOMERI S.P.A.	A process for homopolymerizing isoprene.	13-10-90	136/08	32-E GROUP-IX(I)	FC.
167371	10-06-86	NESTE OY.	Method for producing a modified polyolefin.	20-10-90	283/00, 285/00, 290/00	32-E	FC.
167407	28-05-86	DSM RESINS BV.	Photopolymerizable composition.	20-10-90	2/50, 110/00	40-F & 152-F GROUP-IV(I) & XII(2)	FC.
167510	29-07-86	BP CHEMICALS LIMITED	A process for the polymerisation of alph olefins using a zieglernata catalyst and two organometallic compounds.	10-11-90	110/00	32-E-JX(1)	FC.
167543	17-06-86	ENICHEM ELASTOMERI S.P.A.	A process for the preparation of 1,4-CIS polybutadiene with a catalytic system.	10-11-90	136/06	32-E-GROUP-IX(I)	FC.
167586	05-11-86	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	A process for purifying copolymers.	17-11-90	210/2	40-B	FC.
167590	06-09-84	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	A process for the catalytic polymerization of an olefin.	17-11-90	4/00	32-E	FC.
167615	26-02-87	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	A process for the preparation of a carbonylated olefinically unsaturated compound.	24-11-90	4/10, 4/22, 4/30	32-C 40-B	FC.
167620	22-02-88	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of soft acrylic emulsion for use as binder for lacquer finishes.	24-11-90	120/06	1B & 14D	IC.
167721	27-04-87	AUSIMONT S.P.A.	A process for polymerizing or copolymerising fluorinated monomers.	15-12-90	2/22, 14/00	32-E	FC.
167757	28-11-86	THE B.F. GOODRICH COMPANY	Halogen-free polymerization process.	15-12-90	2/06	32-E	FC.

1	2	3	4	5	6	7	8
167853	23-07-86	THE B.F. GOODRICH COMPANY	A composition suitable for use as a thickening agent.	29-12-90	16/10	32-E	FC.
		C 08 G :	Macromolecular compounds obtained otherwise than by reaction only involving carbon-to-carbon unsaturated bonds.				
165851	24-12-85	CULLHAM (AUSTRALIA) PVT. LTD.	A method of producing a phenolic foam composition.	27-01-90	8/08	32-E	FC.
166174	10-09-85	ACME RESIN CORPORATION	A process for preparing resin binder for foundry refractory and molds.	24-03-90	8/04	32-E	FC.
166511	25-01-84	UNION CARBIDE CORPORATION MANUFACTURERS.	A process for preparation of high strength resin composites.	19-05-90	30/00	32E & 152E	FC.
166526	24-12-85	HOECHST AKTIENGESELLSCHAFT	A biaxially oriented polyester film and a process for making it.	26-05-90	63/70, 63/16	32-E	FC.
166654	25-07-83	BASF LACKE+FARBEN AKTIENGESELLSCHAFT	Process for preparing nitrogenous unsaturated homopolymerizable and/or copolymerizable polyester.	30-06-90	69/44	32-F	FC.
166655	25-03-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for the preparation of a cationic polyelectrolyte useful as a flocculant.	30-06-90	69/00	32-E	IC.
166721	18-03-86	UOP INC.	Method of curing a polyurethane prepolymer.	14-07-90	18/00	32-E	FC.
166943	13-02-86	THE DOW CHEMICAL COMPANY	A process for preparing an improved solid polymer.	11-08-90	18/28	32-E-GROUP-IX(1)	FC.
167051	18-03-86	ACME RESIN CORPORATION	Process for preparing phenolic resin binders for foundry and refractory uses.	25-08-90	8/10	35E & 152C GROUPS XXV(2) & XII(2)	FC.
167228	16-09-87	UNIVERSITY OF DAYTON	Composites useful in thermal energy storage and thermal energy storage material, having said composite.	22-09-90	83/00, 85/00	32-C	FC.
167303	01-04-86	IMPERIAL CHEMICAL INDUSTRIES PLC. AND DULUX AUSTRALIA LIMITED	A process for producing a non-gelled amine epoxide reaction product for useful in different coating compositions.	06-10-90	59/02	32-E & 144B	FC.
167555	27-04-87	AUSIMONT S.P.A.	Process for preparing micro-emulsions based on per fluoro-polyethers.	17-11-90	65/00	152-E	FC.
167559	03-06-87	JAE WOON KIM	Improved fireproof and flame retardant compositions and process of producing same.	17-11-90	77/00	152-E	F.
167603	10-09-86	UNION CARBIDE CORPORATION MANUFACTURERS	An improved process for preparing silicone-modified polyester resin.	24-11-90	77/04	32-E-GROUP-IX(1)	FC.
167652	10-04-87	E.I. DU PONT DE NEMOURS AND COMPANY	A thermoplastic polyacetal composition and method of preparing same.	01-12-90	2/24	32-E 152-F	FC.
167773	12-08-88	GUJARAT STATE FERTILIZERS COMPANY LIMITED.	A process of manufacturing mouldable composite material containing nylon-6	22-12-90	41/00, 41/02	34-A-X	IC.
167850	17-07-85	THE DOW CHEMICAL COMPANY	A process for the preparation of an epoxyresin composition.	29-12-90	59/02,	32-E-GROUP-IX(1)	FC.

1	2	3	4	5	6	7	8
		C 08 J :	Working up, General processes of compounding, After-treatment not covered by subclasses C 08 B, C.F.G.				
165908	16-09-86	MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG	A process for the preparation of flaky coloured pigments.	10-02-90	3/20	144-E	FC.
166034	10-02-87	E.I. DU PONT DENEMOURS AND COMPANY	Process for producing multiphase dispersion of high-molecular weight solid polymers.	03-03-90	3/02	32-E & 152-E	FC.
166332	10-09-85	STAMICARBON B.V. (Licensing SUBSIDIARY OF DSM)	Process for the continuous preparation of homogeneous solutions of high-molecular weight polymers.	14-04-90	9/28	32-E	FC.
166385	22-08-86	AMERICAN CYANAMID COMPANY	A method for stabilizing thermoplastic polymer or articles thereof against environmental chemicals.	28-04-90	7/06	32-E	FC.
166554	30-11-87	ETHICON INC.	Process for producing a sterile aqueous gel of crosslinked polyvinyl pyrrolidone.	09-06-90	3/00	32-E & 40-C	FC.
166663	09-07-86	THE GOODYEAR TIRE & RUBBER COMPANY	A process for making a self-emulsifiable resin powder.	30-06-90	3/00	32-E	FC.
167054	26-03-83	OLE-BENDT RASMUSSEN	A method of preparing a high strength sheet material.	25-08-90	5/18	136-E & GROUP-XIII.	F.
167486	12-09-86	TOYO ENGINEERING CORPORATION.	A process for treating urea granules with a urea melt as liquid coating material in a fluidizing bed to obtain coated urea granules.	10-11-90	3/06	123	FC.
167760	25-02-87	KOLIMORGEN TECHNOLOGIES CORPORATION.	Process for the manufacture of plastic articles having a metallic pattern on their surfaces.	15-12-90	5/00	152-E-XII(2)	FC.
167813	11-07-86	STAMICARBON B.V.	Process for producing polyethylene articles having a high tensile strength and modulus.	22-12-90	3/28	70 C 7-GROUP-LVIII(5)	FC.
		C 08 K :	Use of inorganic or non-macromolecular organic substances as compounding ingredients.				
166385	22-08-86	AMERICAN CYANAMID COMPANY	A method for stabilizing thermoplastic polymer or articles thereof against environmental chemicals.	28-04-90	5/16	32-E	FC.
		C 08 L :	Compositions of macromolecular compounds.				
165802	17-07-85	BP CHEMICALS LIMITED	A crosslinkable composition and a process for preparing the same.	13-01-90	43/04	32-E,	FC.
165956	17-01-86	BICC PUBLIC LIMITED, COMPANY	Cross-linkable polymer composition for extrusion specially for wire and cable covering.	17-02-90	23/06	32-E 152 152E	FC.
166214	25-09-85	KUO CHENG SHEN	A process for preparing a reconstituted composite product such as panel boards or molded articles from a lignocellulosic material.	31-03-90	5/00	32-E 136-I	F.
166239	28-11-85	STAMICARBON B.V. (Licensing subsidiary of DSM)	Process for the preparation of a thermally stabilized polyamide composition.	31-03-90	77/06	32-E	FC.

1	2	3	4	5	6	7	8
166245	06-03-86	BP CHEMICALS LIMITED	Compositions based on liquid polybutane and hydrocarbon waxes and intended mainly for the production of water proof and gas-tight cables and process for the preparation thereof.	31-03-90	23/18	152-D	FC.
166265	28-11-85	STAMICARBON B.V. (Licensing SUBSIDIARY OF DSM).	Polyamide resin compositions containing poly-arylene sulfides.	07-04-90	77/06	32-E	FC.
166435	13-8-86	UNIROYAL CHEMICAL COMPANY INC.	Sprayable and foamable insulating composition.	05-05-90	23/00	152-E	FC.
166439	27-11-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the manufacture of rod and filled pvc composite material.	05-05-90	27/06	152-E	IC.
166459	25-06-86	GENCORP INC.	Rubber composition having improved humid aged adhesive properties.	12-05-90	7/00	104-F	FC.
166525	28-11-85	STAMICARBON B.V. (licensing subsidiary of DSM)	Polyamide resin compositions containing silicone oils	26-05-90	77/06	32-E	FC.
166526	24-12-85	HOECHST AKTIENGESELLSCHAFT.	A biaxially oriented polyester film and a process for making it.	26-05-90	33/04	32-E	FC.
166986	27-02-86	FORMICA CORPORATION	A novel resin composition for decorative laminates.	18-08-90	61/28	32-E GROUP-IX(1)	FC.
167489	20-11-86	STOCKHOLM TRADE COMPANY AKTIEBOLAG.	A process for the preparation of a composition use in protective coating of substrates.	10-11-90	7/00	144-E ₂ XII(3)	FC.
167425	18-02-87	THE MALAYSIAN RUBBER PRODUCERS RESEARCH ASSOCIATION.	A method of preparing an elastoplastic composition	10-11-90	7/00 23/06, 23/12	32-E	FC.
167497	20-03-87	SOCIETE CHEMIE DES CHARBONNAGES.	Polyolefin compositions.	10-11-90	23/00	32-E	FC.
167534	30-05-86	MITSUI TOATSU CHEMICALS INC.	Glass fiber reinforced polypropylene resin composition.	10-11-90	51/00	152-E- GROUP-XII(2)	FC.
167756	13-11-86	THE MINISTRY OF AGRICULTURE FISHERIES FOOD IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND.	An electrochemical process for the cleavage of lignins.	15-12-90	97/00	145-E	FC.
167767	07-07-87	BP CHEMICALS LIMITED	A polymeric composition suitable for use of electrical insulation and process for preparing the same and an electric wire or cable comprising an insulation made of said polymeric composition.	15-12-90	23/06	152-E	FC.
C 09 :			DYES; PAINTS ; POLISHES; NATURAL RESINS ; ADHESIVES; MISCELLANEOUS COMPOSITIONS; MISCELLANEOUS APPLICATIONS OF MATERIALS.				
C 09 B :			Organic dyes or closely related compounds for producing dyes Mordants : Lakes				
155328	01-04-86	HOECHST AKTIENGESELLSCHAFT.	Process for the preparation of water soluble monoazo and disazo compounds.	10-02-90	27/00 31/00, 41/00	32-A ₁	FC.

1.	2.	3.	4.	5.	6.	7.	8.
165983	02-05-86	HOECHST CELANESE CORPORATION.	Process for the preparation of fibre reactive water soluble monoazo compounds.	17-02-90	62/008	32-A ₁	FC.
166361	15-07-85	HOECHST AKTIENGESELLSCHAFT.	Process for the preparation of water soluble triphenyldioxazine compounds.	21-04-90	19/00	32-A ₂	FC.
166384	21-08-86	HOECHST CELANESE CORPORATION	Process for the preparation of copper complex disazo compounds.	28-04-90	45/26	32-A ₁	FC.
166536	06-02-87	HOECHST AKTIENGESELLSCHAFT.	Process for the preparing water soluble triphenyldioxazine compounds and sulfonyl containing precursors thereof.	26-05-90	19/00	23-A ₂	FC.
166634	22-09-86	HOECHST AKTIENGESELLSCHAFT.	A process for preparing water soluble azo compounds.	30-06-90	62/00	32-A ₁	FC.
166716	10-02-88	VSEIOUZNY NAUCHNO ISSLEDOVATEISKY I EXPERIMENTALY INSTITUT PO PERERABOTKE KHIMICHESKI KH VOLOKON	Foam composition for printing and dyeing of textile materials.	14-07-90	67/24, 67/38	66C ₂	FC.
166741	05-11-85	HOECHST AKTIENGESELLSCHAFT.	Process for preparing fibre water-soluble monoazo compound.	14-07-90	27/00	32-A ₁	FC.
166839	19-03-87	HOECHST CELANESE CORPORATION.	Water soluble mixtures of monoazo dyestuffs.	21-07-90	29/00, 62/00.	32-A ₁	FC.
166885	01-04-86	HOECHST AKTIENGESELLSCHAFT.	Process for preparing water soluble azo compounds.	04-08-90	43/16	32-A ₁	FC.
166958	14-06-84	MITSUMI TOATSU CHEMICALS INC.	A process for preparing chloroindianthrone.	11-08-90	5/48	32-F2(a) -GROUP- IX(I).	FC.
167062	14-12-87	JAYSYNTH DYE-CHEM LIMITED.	A process for the preparation of blue monoazo reactive dye.	25-08-90	62/006, 62/008, 62/01.	32-A ₁ IX(I).	IC.
167292	14-12-87	JAYSYNTH DYE-CHEM LIMITED.	A process for the preparation of novel monoazo reactive dyes having at least two reactive systems.	06-10-90	62/00, 62/006, 62/008.	32A1-IX(I)	IC.
167327	14-06-84	MITSUMI TOATSU CHEMICALS INC.	A process for preparing chlorination product of dianthraquinone-N, N'-dihydrazine.	06-10-90	5/48	32-A ₂ -GROUP- IX(I)	FC.
167384	05-05-86	BASF AKTIENGESELLSCHAFT.	Process for manufacturing thiophene azo dyes.	20-10-90	29/033	32-A.1 -GROUP- IX(I)	FC.
167420	14-12-87	JAYSYNTH DYE-CHEM LIMITED.	A process for the preparation of novel monoazo reactive dyes having at least two reactive systems.	20-10-90	62/00, 62/002, 62/008.	32-A ₁ IX(I)	IC.
167463	14-12-87	JAYSYNTH DYE-CHEM LIMITED.	A process for the preparation of novel monoazo reactive dyes having atleast two reactive systems.	03-11-90	62/00, 62/002, 62/008, 62/44, 62/45.	32-A.1-IX(I)	IC.
167548	06-07-88	HOECHST AKTIENGESELLSCHAFT.	A process for the preparation of monascus pigments.	10-11-90	61/00	32-A ₂ -GROUP- IX(I)	FC.

1	2	3	4	5	6	7	8
167464	14-12-87	JAYSYNTH DYECHEM LIMITED.	A process for the preparation of novel triazo reactive dyes having at least two reactive systems.	03-11-90	62/002, 62/006, 62/01.	32-A1-IX(1)	IC.
167593	22-12-84	CASELLA AKTIENGESSELLSCHAFT.	Process for preparing a monoazo dyestuff.	17-11-90	43/00.	32-A, 1-GROUP-IX(1)	FC.
167836	30-07-86	COLOR TECHNOLOGIES, INC.	Improvements in methods of an apparatus for the production of colorant or pigment containing pellets.	29-12-90	67/00, 67/02.	32-A ₂	FC.
167842	31-07-86	CASELLA AKTIENGESSELLSCHAFT.	Process for the preparation of monoazo dyestuffs.	29-12-90	29/00	32-A.2-GROUP-IX(1)	FC.
167864	28-07-87	HOECHST AKTIENGESSELLSCHAFT.	A process for the preparation of water soluble triphenylmethane compound.	29-12-90	19/00	2,4,32	FC.
C 09 C : Treatment of inorganic materials, other than fibrous fillers, to enhance their pigmenting or filling properties, preparation of carbon black.							
167336	13-05-86	BERA ANSTALT.	Apparatus for the production of carbon black.	06-10-90	1/48,	85-J-GROUP-XXXI.	FC.
167337	13-05-86	BERA ANSTALT.	An installation for the production of carbon black.	06-10-90	1/48.	85-J-GROUP-XXXI.	FC.
167338	13-05-86	BERA ANSTALT.	Apparatus for the production of carbon black.	06-10-90	1/48	85-J-GROUP-XXXI	FC.
167314	14-07-86	BERA ANSTALT.	Process for the manufacture of low-ash electrically conductive carbon black and an apparatus for making the same.	22-12-90	1/48	139-A-GROUP-IX(2)	FC.
167836	30-07-86	COLOR TECHNOLOGIES, INC.	Improvements in methods of an apparatus for the production of colorant or pigment containing pellets.	29-12-90	3/00.	32-A ₂	FC.
C 09 D : Inks, paints, Varnishes, lacquers, wood-stains, Chemical paint removers; pastes or solids for colouring of printing.							
165879	28-08-85	KELCO/AIL INTERNATIONAL LTD.	Print paste composition.	03-02-90	11/14.	32-A ₂	[FC.
166162	12-06-86	IMPERIAL CHEMICAL INDUSTRIES PLC.	Coating compositions.	24-03-90	3/48	152-E	FC.
166824	25-02-86	TIHANA PTY. LIMITED.	A method of producing an insulating paint composition.	21-07-90	5/32	144-E.2 [FC.
167069	12-08-88	CROMPTON GREAVES LIMITED.	A process for the preparation of cashew nut shell liquid (CNSL) based impregnating varnish.	25-08-90	3/00, 3/28.	32E-IX(1), 48C-LVIII (3), 144E ₄ -XII(3).	IC.
167403	14-05-86	DR. BECK & CO. AG.	A composition suitable for providing heat curable self bonding enamel coating on substrates and a process thereof.	20-10-90	3/77	144E ₂ -GROUP-XII(3).	FC.
167832	17-07-86	THE STANDARD OIL COMPANY.	A process for coating a substrate with an epoxy fluorocarbon composition.	29-12-90	3/58	144E ₄ -XII(3)	[FC.

1	2	3	4	5	6	7	8
C 09 F : Natural resins, Fench polish; Drying-oils; Driers (siccatives), Turpentine.							
167304	03-04-86	THE FIRESTONE TIRE & RUBBER COMPANY.	Process for simultaneously extracting resin and rubber from guayul plants.	06-10-90	1/02	32-E	FC.
C 09 J : The use of materials other than glue as adhesives; Adhesive Processes in general (non-mechanical part).							
166165	13-08-86	UNIROYAL CHEMICAL INC.	A curable insulating tape composition.	24-03-90	7/00, 7/02.	1-A	FC.
166522	30-10-85	BL TECHNOLOGY LIMITED AND ALCAN INTERNATIONAL LIMITED.	A method of manufacturing structures with components formed from aluminium sheet.	26-05-90	5/02	12-D	FC.
166678	05-01-84	RAYCHEM CORPORATION.	A method of producing a heat recoverable composite structure and a composite structure thereof.	30-06-90	3/14	32E & 155C.	FC.
C 09 K : Materials for miscellaneous applications, not provided for elsewhere.							
165830	27-11-87	BIOTECHNOLOGY AUSTRALLIA PTY. LTD. AND COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION.	Process for the preparation of a recombinant DNA molecule.	20-01-90	99/00	32C, 55E ₂	FC.
166054	03-12-85	RHONE-POULENC SPECIALITIES CHIMIQUES.	A process for producing a saline solution of a heteropolysaccharide having improved viscosity stability at 80° C.	03-03-90	7/02	182-C	FC.
166211	30-08-85	RAYCHEM CORPORATION.	A method of making a gelloid composition.	31-03-90	3/10	40-F	FC.
166264	06-11-85	FRISCO-FINDUS AG.	Process for preparing new surfactants with anti-oxidant properties.	07-04-90	15/06	32F ₃ (d)	FC.
166435	13-08-86	UNIROYAL CHEMICAL COMPANY, INC.	Sprayable & foamable insulating composition.	05-05-90	3/00	152-E	FC.
166448	06-11-86	1. SERGI FEDOROVICH LJUSHIN. 2. GAZIMA VALBEVNA GALEEVA. 3. NINA MIKHAILOVNA DYATLOVA. 4. MARIANNA VASILIEVNA RUDOMINO. 5. EVENIA KONSTANTINOVNA KOLOVA. 6. NIKOLAI KALLINIKOVICH MALININ 7. ALEXANDR IVANOVICH LIPATOV. 8. VALERY VASILIEVICH LEZHENIN. 9. GAUAZ KAB-DYROVICH AZHIGALIEV. 10. ANATOLY GRIGORIE VICH SHKURO. 11. VLADIMIR IVANOVICH GUSEV. 12. MUNIR NAFIKOVICH GALLYAMOV.	A composition for inhibiting inorganic salt scale formation.	12-05-90	1/60	103	F.

1	2	3	4	5	6	7	8
166565	17-12-85	CARBORUNDUM UNIVERSAL LIMITED.	A process for manufacturing an alumina zirconia, abrasive grain composition.	09-06-90	3/14	170 B	IC.
166582	20-01-86	THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND AND BDH CHEMICALS LTD.	Liquid crystal compositions.	09-06-90	19/12	170 A	FC.
166605	03-12-85	GLOBETECH LIMITED.	Display device.	09-06-90	11/00	121-GROUP -LXIII(2)	FC.
166851	11-11-85	THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND AND STC PLC.	A ferroelectric smectic liquid crystal mixture.	28-07-90	19/04	32-F ₁	FC.
167614	30-01-87	BRADFORD HERBERT JONES.	Process & apparatus for the treatment of heavy metals in metal-containing sludges, soils ash and the like to produce a non-leachable residue.	24-11-90	17/00	35F & 141D	F.
167653	01-06-87	LANXIDE TECHNOLOGY COMPANY, LP.	Method for producing abrasive materials.	01-12-90	3/14	35G; 170-B	FC.
167815	15-07-86	NORDDEUTSCHE SCHLEIFMITTEL-INDUSTRIE CHRISTIANSEN & CO. (GMBH & CO.)	A process for producing ceramic abrasive with improved characteristics.	22-12-90	3/14	170-B-GROUP-XLIII(4).	FC.
C 10 : PETROLEUM, GAS OR COKE INDUSTRIES; TECHNICAL GASES CONTAINING CARBON MONOXIDE; FUELS; LUBRICANTS; PEAT.							
C 10 B : Destructive distillation of carbonaceous materials for production of gas, coke, tar, or similar materials.							
165923	01-03-89	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	Improved beehive oven chimney.	10-02-90	9/00	47 E	IC.
167020	29-02-84	PENTANYL TECHNOLOGIES INC.	A method of producing novel liquid products.	18-08-90	47/00	56-F	FC.
167374	05-01-87	WESTINGHOUSE ELECTRIC CORPORATION.	Method for producing coke and electric power from steam.	20-10-90	47/00	47-A	FC.
C 10 C : Working-up tar; pitch, asphalt, bitumen; Pyrolytic acid.							
167514	09-01-87	BAYER ANTWERPEN N.V.	Process for the recovery of 2-mercaptobenzothiazole, from tar like residues.	10-11-90	1/20	18-XX VII (1)	FC

1	2	3	4	5	6	7	8
C 10 G :			Cracking Hydrocarbon, oils; Production of liquid hydrocarbon mixtures from materials other than hydrocarbons, e.g. by destructive hydrogenation; Recovery of hydrocarbon oils from oil-shale, oil-sand, or gases; Refining mixtures mainly consisting of hydrocarbons Reforming of naphtha; Mineral waxes.				
165846	24-06-86	TEXACO DEVELOPMENT CORPORATION.	A process for the production of gaseous mixtures comprising hydrogen and carbon monoxide.	27-01-90	47/00	47B	FC.
166021	18-10-85	MOBIL OIL CORPORATION.	A process for the manufacture of lubricating oils.	03-03-90	49/08	140A ₂	FC.
166126	10-09-86	AUSIMONT S.P.A.	Process for purification of oils containing solid matters in suspension.	17-03-90	73/00	140B ₃	FC.
167718	17-06-86	CHEVRON RESEARCH COMPANY.	A process for catalytically dewaxing a hydrocarbon oil feedstock using a catalyst comprising a silicoaluminophosphate molecular sieve.	08-12-90	73/02	140-B-3-GROUP-XI (2)	FC.
167731	08-01-87	UNION CARBIDE CORPORATION.	Integrated process and apparatus for the primary and secondary catalytic steam reforming of hydrocarbons.	15-12-90	35/04	32-B	FC.
C 10 J :			Production of producer gas, water-gas, synthesis gas from solid carbonaceous material, or mixtures containing these gases; Carbureting air or other gases.				
165848	01-07-86	1. KORF ENGINEERING GMBH. 2. VOEST-ALPINE AKTIENGESELLSCHAFT.	An apparatus for producing cooling gas.	27-01-90	3/00	47B	FC.
165953	24-01-86	THE M.W. KELLOG COMPANY.	A method of production of a combustion gas having low sulfur content from sulfur containing fuel for use in the manufacture of high pressure steam.	17-02-90	3/00	84-A	FC.
166207	03-08-87	THERMAX PRIVATE LIMITED.	An equipment for carrying out rice husk gasification.	31-03-90	3/54 3/56	47-B-XX XII (1) 84-C ₂ XXXII(2).	IC.
166503	21-11-85	M.A.N. MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT.	A process for the production of synthesis gas by gasification of coal.	19-05-90	3/02	47 C	FC.
166563	09-12-85	SKF STEEL ENGINEERING AB.	Method and a device for the production of a gas primarily composed of CO and H ₂ from a Carbonaceous starting material.	09-06-90	3/02 3/20	84A	FC.
167311	07-04-86	THE DOW CHEMICAL COMPANY.	A burner used in the manufacture of a gas comprising H ₂ and CO by the partial oxidation of a carbonaceous slurry.	06-10-90	3/48	28C & 84-A-GROUPS-XXX (I) & XXX II(2)	FC.
167381	07-04-86	THW DOW CHEMICAL COMPANY.	A tap outlet in a floor of a vessel through which the liquid contents of said vessel may be drained.	20-10-90	3/56 3/84	85-C, 195-D GROUPS-XXXI & XXIX(3).	FC.
167441	24-04-86	MAN GUTEHOFFNUNGSHUTTE GMBH.	An apparatus for utilisation of heat of flue gas prepared from coal.	27-10-90	3/56	84-A-GROUP-XXXII (2)	FC.

1	2	3	4	5	6	7	8
167641	31-03-83	PYRENCO INC.	A process for converting a bio-mass input into an output gas.	01-12-90	3/68	84-A	FC.
167642	31-03-83	PYRENCO INC.	A process for converting a bio-mass input into an output gas.	01-12-90	3/68	84-A	FC.
C 10 K : Purifying or modifying the chemical compositions of combustible technical gases containing carbon monoxide.							
167377	14-08-87	METALLGESELLSCHAFT AKTIENGESELLSCHAFT.	Process for recovery of valuable gases from a laden absorbent solution.	20-10-90	1/00	88-F	FC.
C 10 L : Fuels not otherwise provided for; adding materials to fuels or fires to reduce smoke or undesirable deposits or to facilitate soot removal; Firelighters.							
165947	03-08-87	RESEARCH ASSOCIATION FOR RESIDUAL OIL PROCESSING.	Process for the recovery of carbon from aqueous carbon slurry.	17-02-90	1/32	84-C	FC.
166028	02-12-82	SNAMPROGETTI S. p. A.	A catalytic process for producing fuel mixtures of methanol and higher alcohols.	03-03-90	1/02, 1/30.	84-B	FC.
166324	15-10-86	CENTRO SPERIMENTALE METALLURGICO S.P.A.	High-solids (Carbonaceous fuel) content coal-tar mixture and process of preparing same.	14-04-90	5/16	84-C	FC.
166642	15-03-84	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V.	An oil composition containing a pour point depressant.	30-06-90	1/04, 1/16.	84	FC.
166653	17-01-86	COLGATE-PALMOLIVE COMPANY.	A stable aqueous, pourable and tater dispersible fabric softener composition.	30-06-90	1/38, 1/68.	189,170D	FC.
167205	12-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for desulphurization of high sulphur coal.	22-09-90	9/02	84-C ₁	IC.
167283	20-06-86	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V.	An improved gasoline composition for use in spark-ignition engines.	29-09-90	1/10	84-B-GROUP-XXXII(2)	FC.
167309	12-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for desulphurization of high sulphur coal.	06-10-90	9/02	84-C ₁	IC.
167641	31-03-83	PYRENCO INC.	A process for converting a bio-mass input into an output gas.	01-12-90	3/00	84-A	FC.
167642	31-03-83	PYRENCO INC.	A process for converting a bio-mass input to an output gas.	01-12-90	3/00	84-A	FC.
C 10 M : Lubricating compositions, Use of chemical substances either alone or as lubricating ingredients in a lubricating compositions.							
165947	03-08-87	RESEARCH ASSOCIATION FOR RESIDUAL OIL PROCESSING.	Process for the recovery of carbon from aqueous carbon slurry.	17-02-90	103/2	84-B, 84-C.	FC.
166098	31-03-84	THE LUBRIZOL CORPORATION.	A lubricant composition having antioxidant and/or anti-wear properties.	10-03-90	125/22	140-A	FC.
166099	31-03-84	THE LUBRIZOL CORPORATION.	A phosphorus containing metal salt olefin additive composition.	10-03-90	125/24	140-A ₂	FC.

1	2	3	4	5	6	7	8
166186	01-05-86	THE LUBRIZOL CORPORATION.	Lubricant composition containing one or more metal salt containing a mixture of aromatic and aliphatic phosphorodithioic acids.	24-03-90	125/00	140-A ₂	FC.
166311	14-11-85	THE LUBRIZOL CORPORATION.	An automatic transmission or hydraulic fluid composition.	07-04-90	129/78	140-A ₂	FC.
166354	07-11-85	THE LUBRIZOL CORPORATION.	A lubricant composition for use in two cycle internal combustion engines.	14-04-90	149/22	140-A ₂	FC.
166357	24-02-86	THE LUBRIZOL CORPORATION.	A process for preparing a lubricant composition.	14-04-90	137/14	140-A ₂	FC.
166484	25-11-85	THE LUBRIZOL CORPORATION.	A lubricating oil composition containing less than about 0.1 % by weight of phosphorus.	19-05-90	125/06	140-A ₂	FC.
166312	15-01-86	THE LUBRIZOL CORPORATION.	A liquid hydrocarbon composition for use as fuel crude oils and lubricants.	19-05-90	129/68	32-E, 32-F ₃ (b)	FC.
166632	14-08-86	1. GRIGORY BORISOVICH FROISHTETER. 2. LEONID OLEGOVICH JURTIN. 3. JURY LUKICH ISCHUK. 4. ALEXANDR MIKHAILOVICH MANOILLO. 5. GRIGORY IVANOVICH CHEREDNICHESNKO. 6. SUREN AVANESOVICH STEPANIANIS. 7. IOSIF VASILIEVICH LENDIEL. 8. ANATOLY ALEXANDROVICH FIGUESKY. 9. ALEXANDER AVRAMOVICH MISCHUK. 10. MASGUT ZAINUTDINOVICH TAGIROV. 11. VADIM LEONIDOVICH SHEVCHENKO.	Installation for producing plastic soap greases.	30-06-90	101/00	140-A ₂	F.
166757	15-04-86	THE LUBRIZOL CORPORATION.	A process for preparing sulfurised hydrocarbyl containing compounds.	14-07-90	135/02	140-A ₂	FC.
166779	06-01-84	THE LUBRIZOL CORPORATION.	A composition for use as functional fluids having anti-wear and high pressure properties.	14-07-90	125/24	140-A ₂	FC.
166823	24-01-86	THE LUBRIZOL CORPORATION.	An oil soluble lubricant composition.	21-07-90	105/72	140	FC.
166860	25-07-86	THE LUBRIZOL CORPORATION	A water based functional fluid thickening composition.	28-07-90	123/00, 123/02, 123/04	140-A ₂	FC.

1	2	3	4	5	6	7	8
167000	21-08-86	LUBRIZOL INDIA LIMITED.	A lubricating oil composition containing novel oil soluble straight chain alkyl acrylate polymers as pour point depressants and viscosity modifiers.	18-08-90	145/10, 145/14	140-A ₂ - XI(2)	IC.
167202	12-02-87	THE LUBRIZOL CORPORATION.	A low phosphorus containing or phosphorus-free functional fluid composition.	22-09-90	135/02	140-A ₂ - XI(2)	FC.
167490	25-11-86	THE LUBRIZOL CORPORATION.	A process for preparing an oil-soluble viscosity improver.	10-11-90	129/00	140-A ₂	FC.
167555	27-04-87	AUSIMONT S.P.A.	Process for preparing micro-emulsions based on perfluoro-polyethers.	17-11-90	105/00	152-E	FC.
167619	14-03-85	EXXON RESEARCH AND ENGINEERING COMPANY.	A distillate fuel composition and a process for preparing the same.	24-11-90	129/00	140-A ₁	FC.
167621	14-03-85	EXXON RESEARCH AND ENGINEERING COMPANY.	A distillate fuel composition and a process for preparing the same.	24-11-90	129/00	140-A ₁	FC.
167626	14-11-85	THE LUBRIZOL CORPORATION.	A polymeric composition for use in transmission or hydraulic fluids.	24-11-90	129/78	32-E	FC.
167627	14-11-85	THE LUBRIZOL CORPORATION.	A polymeric composition for use in transmission or hydraulic fluids.	24-11-90	129/78	32-E	FC.
167643	28-02-83	THE LUBRIZOL CORPORATION.	A nitrogen containing organic additive in the form of composition or concentrate.	01-12-90	105/00	32-F ₂	FC.
167666	13-10-86	THE LUBRIZOL CORPORATION.	A water-in-oil emulsion for use such as hydraulic fluids acidizing fluids or explosive emulsions.	01-12-90	175/04	40-C IV(I)	FC.
167690	14-11-85	THE LUBRIZOL CORPORATION.	A functional fluids composition such as transmission fluids and hydraulic fluids.	08-12-90	129/78	32-E	FC.
167835	25-07-86	THE LUBRIZOL CORPORATION.	A process for making a water dispersible hydrocarbyl substituted succinic acid and/or anhydride/amine terminated poly (Oxyalkylene) reaction products.	29-12-90	173/00	50-D	FC.
167837	05-08-86	THE LUBRIZOL CORPORATION.	A fuel composition for internal combustion engines.	29-12-90	125/00	140-A ₂	FC.
		C 11 :	Animal or Vegetable Oils, Fats, Fatty Substances or Waxes, Fatty Acids Therefrom; Detergents; Candles.				
		C 11 B :	Producing (pressing, extraction), refining or preserving fats, fatty substances (e. g. lanojin) fatty oils or waxes, including extraction from waste materials; Essential oils, perfumes.				
166718	12-04-88	INSTITUT PRIKLADNOI FIZIKI AKADEMII NAUK MOLDAVSKOI SSR.	Process for extracting fatty oil from oil bearing raw animal material.	14-07-90	13/00	77-C	FC.
166834	25-02-87	ANTHONY ATHANASSIADIS.	A continuous method of deodorising or unacidifying food oils fats and apparatus therefor.	21-07-90	3/00	40-F, 77D	FC.

1	2	3	4	5	6	7	8
167504	30-11-84	EXXON RESEARCH AND ENGINEERING COMPANY AND TECHNICAL DEVELOPMENT AND RESEARCH WORK.	A method for recovering dewaxing aid from a mixture of precipitated wax-dewaxing aid.	10-11-90	13/00	202-C-XI(3)	FC.
167505	30-11-84	EXXON RESEARCH AND ENGINEERING COMPANY AND TECHNICAL DEVELOPMENT AND RESEARCH WORK.	A method for separation of dewaxing aids from wax.	10-11-90	11/00, 13/00	202-C-XI(3)	FC.
		C 11 C :	Fatty acids from fats, oil or waxes, Candles, fats, oils or fatty acids by chemical modification of fats, oils or fatty acids obtained therefrom.				
167735	19-05-87	CHEMISCHE FABRIK STOCK HAUSEN GMBH.	A process for the production of derivatives of natural fats and oils.	15-12-90	3/04	32-C,77-C	FC.
		C 11 D :	Detergent compositions, use of single substances as detergents, Soap or soap-making, Resin soaps, Recovery of glycol.				
165933	05-03-86	COLGATE-PALMOLIVE COMPANY	A fabric softening particulate detergent composition.	10-02-90	1/02	170-D	FC.
165957	13-01-86	COLGATE-PALMOLIVE COMPANY	Particulate fabric softening and antistatic detergent composition.	17-02-90	1/02	170-D	FC.
165971	19-03-86	COLGATE-PALMOLIVE COMPANY	Substantially non-aqueous non-gelling, storage stable, easily pourable liquid detergent pourable liquid detergent composition.	17-02-90	1/66	62-A2 170-D	FC.
165978	24-07-86	COLGATE-PALMOLIVE COMPANY	A fabric treating detergent compositions.	17-02-90	1/66	170-D	FC.
166041	12-03-86	HINDUSTAN LEVER LIMITED	Process for preparing laundry bags for use in the handwashing of fabrics.	03-03-90	3/395	170-D	IC.
166045	13-08-86	HINDUSTAN LEVER LIMITED	An aqueous detergent composition.	03-03-90	1/83, + 3/04	170-B -XLIII(4)	IC.
166046	13-08-86	HINDUSTAN LEVER LIMITED.	An aqueous detergent composition.	03-03-90	1/12, 1/28	170-D	IC.
166047	13-08-86	HINDUSTAN LEVER LIMITED.	A built or unbuilt aqueous fabric washing detergent compositions.	03-03-90	1/02, 3/04, 3/39	170-B+ D-XLIII (4)	IC.
166050	29-10-86	HINDUSTAN LEVER LIMITED.	Process for the production of a powder suitable for use as a granular detergent composition or a component thereof.	03-03-90	1/83, 3/04, 3/37	170-B XLIII(4)	IC.
166073	10-03-87	HINDUSTAN LEVER LIMITED.	A bleaching composition.	10-03-90	3/395	170-B -XLIII(4)	IC.
166157	13-02-87	HINDUSTAN LEVER LIMITED.	Detergent composition.	24-03-90	1/83, 3/10 3/12	170-D	IC.
166183	10-03-86	COLGATE PALMOLIVE COMPANY	Stable soil release promoting enzymatic liquid detergent company.	24-03-90	1/66	170-A	FC.
166257	03-07-86	COLGATE PALMOLIVE	A liquid detergent composition.	31-03-90	1/66	170-D	FC.
166258	24-07-86	COLGATE PALMOLIVE COMPANY	A nonaqueous liquid heavy duty laundry detergent composition.	31-03-90	1/66	170-D	FC.

1	2	3	4	5	6	7	8
166259	24-07-86	COLGATE-PALMOLIVE COMPANY	A nonaqueous liquid heavy duty laundry detergent composition.	31-03-90	1/66	170-D	IC.
166307	13-06-88	HINDUSTAN LEVER LIMITED	Process for the preparation of particulate material for detergent compositions.	07-04-90	3/10, 17/06	170-B-XLIII(4)	IC.
166313	24-07-86	COLGATE-PALMOLIVE COMPANY	Low phosphate or phosphate free laundry detergent composition.	07-04-90	1/66	170-D	FC.
166360	24-07-86	COLGATE-PALMOLIVE COMPANY	Phosphate free nonaqueous liquid heavy duty laundry detergent composition.	14-04-90	1/66	170-D-XLIII(4)	FC.
166486	04-12-85	THE B.F. GOODRICH COMPANY	Toilet soap containing polymeric thickener.	19-05-90	9/22	189	FC.
166516	14-05-86	COLGATE-PALMOLIVE COMPANY	A detergent composition.	19-05-90	1/00 3/32	62-D	FC.
166762	13-04-87	HINDUSTAN LEVER LTD.	Process for the production of a granular solid suitable for use as a detergent powder or a component thereof.	14-07-90	3/10, 3/20	170-B + D	IC.
166763	20-05-87	HINDUSTAN LEVER LTD.	Detergent compositions.	14-07-90	1/83, 3/08, 3/10	170B+D-XLIII(4)	IC.
166783	29-01-88	HINDUSTAN LEVER LTD.	A fabric treatment composition with fabric softening properties.	14-07-90	9/00, 9/06	62D-XXII(I) 170-D-XXIII(4)	IC.
166786	12-05-88	HINDUSTAN LEVER LTD.	Detergent composition for washing and softening fabrics.	14-07-90	3/02, 7/02	170-B-XLIII(a)	IC.
166801	03-07-87	HINDUSTAN LEVER LTD.	Process for preparing transparent soap compositions.	21-07-90	13/00	1790-B+D-XLIII(4)	IC.
166804	29-09-87	HINDUSTAN LEVER LTD.	Process for manufacturing detergent bars having improved hardness.	21-07-90	3/02, 11/04	170-B-XLIII(4).	IC.
166806	29-09-87	HINDUSTAN LEVER LTD.	Process for manufacturing detergent bars with improved hardness.	21-07-90	3/02, 11/04	170-B-XLIII(4).	IC.
166859	15-07-86	COLGATE PALMOLIVE COMPANY.	Antistatic laundry detergent composition.	28-07-90	1/00, 1/02, 1/66, 1/86	170—A	FC.
166992	03-11-87	HINDUSTAN LEVER LTD.	Detergent granules and a process for their preparation.	18-08-90	3/02, 3/12, 11/02	170—B-XLIII(4).	IC.
166996	25-02-85	HINDUSTAN LEVER LTD.	A process for the preparation of an aqueous detergent composition.	18-08-90	1/18, 3/00	170—B-XLIII(4).	IC.
167113	20-02-86	COLGATE-PALMOLIVE COMPANY	A fabric treating detergent composition.	01-09-90	1/66, 3/02	170—D	FC.
167344	26-06-86	HENKEL KOMMANDIT-GESELLSCHAFT AUF AKTIEN.	A process for the production of aqueous pastes of alpha-sulfo-fatty acid ester salts.	13-10-90	1/28	170—A-GROUP-XLIII(4)	FC.
167429	27-05-88	HINDUSTAN LEVER LTD.	A non conveying mixer for mixing material.	27-10-90	13/10	32B ₂ +D-XXXIV(3)-170D+B-XLIII(4)	IC.

1	2	3	4	5	6	7	8
167461	07-06-88	HINDUSTAN LEVER LTD.	Soap based detergent compositions.	03-11-90	9/02	170—D-XLIII(4).	IC.
167525	10-03-88	HINDUSTAN LEVER LTD.	Detergent bleach composition.	10-11-90	3/39, 3/395	32F-1-IX(1) 170—B-XLIII(4).	IC.
167841	22-07-86	HENKEL KOMMANDIT-GESELLSCHAFT AUF AKTIEN.	Silicate-free and magnesium-free stabilizer mixture for stabilizing aqueous peroxide bleaching baths.	29-12-90	3/395	62—A-XXII(I).	FC.
167860	20-11-86	COLGATE-PALMOLIVE COMPANY.	Detergent composition.	29-12-90	1/00	170—A-XLIII(4).	FC.
C 1.2 : BIOCHEMISTRY, BEER, SPIRITS, WINE; VINEGAR, MICRO-BIOLOGY, ENZYMOLOGY, MUTATION OR GENETIC ENGINEERING.							
C 12 G : Wine, Other alcoholic beverages, preparation thereof.							
165765	04-12-85	SENTRAGHEM LIMITED.	An improved method of producing ethanol.	06-01-90	3/00	32—F3(c)	FC.
C 12 N : Micro-organisms or enzymes, Compositions thereof, Propagating, preserving, or maintaining micro-organisms or tissue; Mutation or genetic engineering; Culture media.							
166069	10-08-87	PHILLIPS PETROLEUM COMPANY.	A method for recovering lipophilic proteins from host cells of the genus pichia.	10-03-90	1/00	32—C	FC.
166443	08-10-86	PHILLIPS PETROLEUM COMPANY.	A process for the production of novel yeast by site selective genomic modification of yeast of the genus pichia.	12-05-90	1/00	17—E, 83—A ₄	FC.
166864	24-02-86	NEW ENGLAND BIOLABS INC.	A method of producing a restriction gene by cloning.	28-07-90	15/00	32—C	FC.
167396	22-06-88	ISTITUTO NAZIONALE PER LA RICERCA SUL-CANCRO.	A process for the preparation of stable frozen epithelial sheets in vitro.	20-10-90	5/00	55—F-GROUP-XIX(I).	FC.
167738	18-09-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of an enzyme B-galactosidase useful for reducing the content of lactose in lactose containing products like milk, whey and other dairy products.	15-12-90	9/24	32—C-IX(I)	IC.
167742	11-07-86	REPLIGEN CORPORATION	A method of producing a lignin-degrading enzyme (Designated as rLDMtm).	15-12-90	9/00	32—C-GROUP-IX(I).	FC.
C 12 P : Fermentation or enzyme-using processes to synthesise a desired chemical compound or composition or to separate optical isomers from a racemic mixture.							
165920	11-12-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of low molecular weight xylanase from china strain.	10-02-90	19/04	32—C	IC.
166209	07-11-88	HOECHST INDIA LTD.	A process for the production of a novel antibiotic complex called cammunocin from a new strain of STREPTOMYCES species culture No. HIL Y-84, 36210 or its variants or mutants.	31-03-90	21/02	32—C-IX(I) +55E ₁ -XIX(I).	IC.

1.	2.	3.	4.	5.	6.	7.	8.
166409	09-10-86	INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION.	A process for biomodification of tamarind kernel power to attain the twin objectives of steam economy in size paste preparation and improved weaving performance in jute industry.	28-04-90	3/00	62—A ₁ , 17-D & E.	IC.
166750	20-01-87	CIEMATUR AB.	Process for the production of ethanol through fermentation of beet or cane sugar molasses by means of yeast.	14-07-90	7/06	17A ₂ 32-+ F ₃ (c).	FC.
166792	17-03 -87	VOLGO-URALSKY NAUCHNO-ISSLEDOVATELSKY I PROEKTNY INSTITUT PO DOBYCHE I PERERABOTKE SEROVO-DOROD-SODERZHASHIHH GAZOV (VOLGOURALNIPIGAZ).	A method for producing disposable purification of sewage from diethanolamine.	21-07-90	1/00	40—F	FC.
166808	16-11-88	HOECHST INDIA LTD.	A process for the production of a new antifungal antibiotic named isobongkrekie acid from an eubacterium (Culture No. HOECHST INDIA LIMITED, Y-84, 0700) or its variants or mutants.	21-07-90	7/44, 7/62	32—F ₃ (b)- IX(I)+55E ₂ + + E ₄ -XIX(I)	IC.
166947	30-03-88	SEPRACOR, INC.	A process for producing purified isomers.	11-08-90	41/00.	40—F-GROUP-IV(I)	FC.
167068	11-07-89	HOECHST INDIA LTD.	A process for the production of a novel antibacterial glycoetide antibiotic deoplanin from a new actinomycete culture No. HIL Y-8636910 or its variants or mutants.	25-08-90	21/00	32—F ₁ , 32-F ₂ (b)- IX(I), 55-E ₄ -XIX(I)	IC.
167138	11-07-89	HOECHST INDIA LTD.	A process for the production of a new anti bacterial antibiotic mercacidin from a bacillus species Y-85, 347428 and mutants and variants.	01-09-90	21/00	32—F ₂ (c)- IX(I), 55E ₄ XIX(I)	IC.
167608	28-09-88	ZONAGEN INC.	Method of producing a substantially purified zona pellucida protein.	24-11-90	21/00	32—C-GROUP-IX(I)	FC.
167845	12-08-86	SOCIETE DES PRODUITS NESTLE S.A.	An improved process for the production of alcohol.	29-12-90	7/06	17A-2- GROUP-XIV(2)I	FC.
C 12 O :			Measuring or testing processes involving enzymes or micro-organisms; Compositions or test papers therefor; Processes of preparing such compositions Condition-responsive control in microbiological or enzymological processes				
166594	03-02-86	METAL BOX PLC.	Apparatus for use in detecting micro organisms.	09-06-90	1/04	55—F	FC.
C1.3 :			SUGAR INDUSTRY.				
C1.3 C :			Cutting mills, Shredding knives Pulp presses.				
167806	29-08-86	MARK HUMPHREY O-SULLIVAN.	A process for the preparation of at least one fibrous fraction containing sclerenchyma cells and one non fibrous fraction containing parenchyma cells from sugarcane.	22-12-90	1/04	182—C-GROUP-XVII	F.

1	2	3	4	5	6	7	8
C 3 D : Production or purification of sugar juices.							
166160	10-04-87	WALCHAND NAGAR INDUSTRIES LIMITED.	An improved sugar cane mill roller.	24-03-90	1/06	94—I	IC.
166520	01-10-84	FABCON INCORPORATED.	Process for flocculating and clarifying a solid liquid slurry.	19-05-90	3/00	40—F, 182—D.	FC.
166690	23-12-86	INSTITUTE NATIONAL POLYTECHNIQUE DE TOULOUSE.	A method of separating a ketonic function saccharides from an aqueous sugar solution.	30-06-90	3/00	182—XVII	FC.
167469	12-08-88	MOHAN PRABHAKARA SHIRGAONKAR.	A roller for extracting juice from sugar cane.	03-11-90	1/06	941— XXXIII(4).	I.
167823	26-05-87	JAGDISH CHANDRA JAGOTA, SOBHA AGARWAL.	Improvement in or relating to a device for the manufacture of sugar from sugar cane.	29-12-90	1/00, 1/06.	182-A, 94-I.	I.
C 23 K : Glucose; Invert sugar; Lactose; Maltose; Synthesis of sugars by hydrolysis of di- or polysaccharides.							
167737	18-09-87	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for reducing the content of lactose in products containing lactose like milk.	15-12-90	5/00	182BXVII.	IC.
C 14 : SKINS; HIDES; PELTS; LEATHER.							
C 14 C : Chemical treatment of hides; skins or leather, e.g. tanning, impregnating, finishing. Apparatus therefor; Compositions for tanning.							
166284	31-03-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of collagen derivatives from rejected and poor quality hides and skins useful for incorporation in cosmetic formulations.	07-04-90	1/00, 15/00.	114-D	IC.
166295	31-10-85	HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN.	A process for the production of water proof leather or skins.	07-04-90	9/02.	114-A	FC.
166826	17-06-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of water dispersable maleinised fatty derivatives for incorporation in tanned leathers for imparting water repellency.	21-07-90	3/14	114-F	IC.
167620	22-02-88	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	A process for the preparation of soft acrylic emulsion for use as binder for leather finishes.	24-11-90	3/22, 11/00.	1B & 14D.	IC.
167838	11-09-86	ROHM GMBH.,	An improved method for producing leather for producing leather goods from animal skins and hides.	29-12-90	1/00	114 A & F.	FC.
C 21 : METALLURGY OF IRON.							
C 22 B : Manufacture of iron or steel.							
165890	08-07-87	THYSSEN STAHL AKTIEN-GESELLSCHAFT.	Submerged pouring nozzle for the continuous casting of molten metals especially liquid steel.	03-02-90	13/00.	33-D,E,F.	FC.
165993	20-02-85	N.V. BEKAERT S.A.	Induction heating apparatus for heating elongate metal articles.	24-02-90	1/42, 9/52.	98-E	FC.
166279	14-10-86	UNION SIDERURGIQUE DU NORD ET DE LEST DE LA FRANCE.	Apparatus for controlling the operation of blast-furnace.	07-04-90	7/00	108B ₂ (a)	FC.

1	2	3	4	5	6	7	8
166414	11-03-86	VOEST-ALPINE AKTIEN-GESELLSCHAFT.	Improved method for the production of molten pig iron or steel pre-products from particulate ferrous material with the resultant generation of reduction gas.	05-05-90	11/00	108B ₁	FC.
166519	10-11-86	SETEPLA TECNOMETAL ENGENHARIA S.A. AND INDUSTRIA DE FUNDICAO TUPY S.A.	A shaft furnace for producing metals.	19-05-90	13/02.	108-B ₂ (b), & 85-(R).	FC.
166596	14-03-86	THE INTERNATIONAL METALS RECLAMATION COMPANY INC.	A process for reducing agglomerates.	09-06-90	13/10.	130 D	FC.
166743	03-12-86	GEORG FISCHER AKTIEN-GESELLSCHAFT.	Treatment vessel for treating molten metal alloys.	14-07-90	1/00.	9D, 85-J, & 108-C ₃ .	FC.
166837	05-03-87	KLOCKNER CRA PATENT GMBH.	A method for the melt reduction of iron ores.	21-07-90	13/00.	108-B ₁ ; C ₁ .	FC.
166838	05-03-87	KLOCKNER CRA PATENT GMBH.	A method for producing iron.	21-07-90	13/00.	108-B ₁ .	FC.
167064	28-01-88	NIPPON KOKAN KABUSHIKI KAISHA.	A blast furnace.	25-08-90	7/00.	85-R-Gr. -XXXI.	FC.
167065	28-01-88	NIPPON KOKAN KABUSHIKI KAISHA.	Tuyere of blast furnace.	25-08-90	7/16.	85-R-Gr. -XXXI.	FC.
167524	28-01-88	NIPPON KOKAN KABUSHIKI KAISHA.	Method of manufacturing molten pig iron by a blast furnace.	10-11-90	5/06, 7/00.	85-R-XXXI, 108 B 2(a)-XXXIII(5).	FC.
167816	16-07-86	KABUSHIKI KAISHA KOBE SEIKOSHO.	An improved method of manufacturing pig iron.	22-12-90	11/00.	108-C-GROUP-XXXIII(5).	FC.
167817	16-07-86	KABUSHIKI KAISHA KOBE SEIKOSHO.	Process of manufacture of pig-iron from iron-ore.	22-12-90	11/02.	108-B-GROUP-XXXIII(5).	FC.
C 21 C : Processing of pig-iron. e.g. refining. manufacture of wrought-iron or steel; Treatment in molten state of ferrous alloys.							
165814	12-03-82	KORTEC A.G.	Improved method of producing steel in an open-hearth furnace and an improved open-hearth furnace for carrying out the method.	20-01-90	5/04.	9D	FC.
166109	20-05-86	UNION CARBIDE CORPORATION.	An improved method for refining a carbon-containing steel melt in a refining vessel by sub-surface and top injection of oxygen.	17-03-90	7/04.	108-C ₃	FC.
166847	14-05-87	PENNWALT CORPORATION.	Process for desulfurizing organic polysulfides.	28-07-90	7/064.	32-C, 39-Q	FC.
166881	24-06-87	INJECTALL LIMITED.	Improvements in apparatus for injecting substances into molten metals.	04-08-90	7/00.	108-C ₃ , 130-F.	FC.
166886	01-08-85	INTERSTEEL TECHNOLOGY INC.	Apparatus for the continuous refining of steel.	04-08-90	5/52, 5/54.	108-C ₂ .	FC.
167073	22-12-86	GEORG FISCHER AKTIEN-GESELLSCHAFT.	A process for making an improved cast iron alloy by removing the non-metallic inclusions therein.	25-08-90	1/10.	9-D, & F 108-C ₃ .	FC.

1	2	3	4	5	6	7	8
167748	08-09-86	HOECHST AKTIENGESELLSCHAFT,	A composition for desulfurizing metal melts and process for making the same.	15-12-90	1/02,	39-F-GROUP-III; 108C(3)-XXXIII(5).	FC.
C 21 D : Modifying the physical structure of ferrous metals; General devices for heat treatment of ferrous or non-ferrous metals or alloys; Making metal malleable by decarburisation, tempering, or other treatments.							
166412	20-02-86	N.V. BEKAERT S.A.	A fluidized for apparatus for heat treating austenitized steel wires.	05-05-90	9/567	12CD	FC.
167148	27-03-86	UNION CARBIDE CORPORATION,	An aqueous organic polymer containing corrosion inhibiting, metal quenching composition.	08-09-90	1/60,	103-GROUP-XLV(1).	FC.
167242	31-03-86	AMSTED INDUSTRIES INCORPORATED.	Apparatus for obtaining the temperature of an object such as a railway wheel being heat treated.	29-09-90	1/00,	12-D & 146-E-GROUP-XXXIII(2) & XXXV-III(2).	FC.
167244	15-10-82	LUCAS INDUSTRIES PUBLIC LIMITED COMPANY.	An improvement in a method of manufacturing a corrosion resistant non-alloy steel component.	29-09-90	1/613	108-C-5 GROUP-XXXIII(5).	FC.
167340	21-05-86	RUHRGAS AKTIENGESSELLSCHAFT.	Furnace for the heat treatment of work pieces.	06-10-90	9/10	55-G & 3-GROUP-XXXI.	FC.
167778	25-01-89	CROMPTON GREAVES LIMITED.	An improved method of bright annealing of soft iron magnetic material components.	22-12-90	1/00, 9/00.	12-A, +C, XXXIII(2).	FC.
C 22 ; METALLURGY; FERROUS OR NON-FERROUS ALLOYS; TREATMENT OF ALLOYS OR NON-FERROUS METALS							
C 22 B ; Production of refining of metals; pretreatment of of raw materials.							
165815	29-11-85	HOMESTAKE MINING COMPANY.	A process for recovering gold from an aqueous slurry formed from a refractory ore.	20-01-90	11/08.	130 I	FC.
166071	24-02-86	LARSEN & TOUBRO LIMITED.	Improvements in or relating to the process for the reduction roasting of ilmenite sand.	10-03-90	1/02.	141-C - XXXIII(8).	FC.
166074	01-05-89	1. MR. VIRENDRA RASIKLAL DOSHI. 2. MR. SUKETU RASIKLAL DOSHI. 3. MR. BRIJEST MAHENDRAKUMAR PAREKH. 4. MR. SHAILESH MAHENDRAKUMAR PAREKH.	A novel process for preparing mercury in solid state.	10-03-90	43/60	130 I	I.
166075	01-05-89	1. MR. VIRENDRA RASIKLAL DOSHI. 2. MR. SUKETU RASIKLAL DOSHI. 3. MR. BRIJEST MAHENDRAKUMAR PAREKH. 4. MR. SHAILESH MAHENDRAKUMAR PAREKH.	A process of preparing mercury in solid state.	10-03-90	43/60	9 E	I.

1	2	3	4	5	6	7	8
166276	27-09-85	DEXTECMETALLURGICAL PTY. LTD.	Productoin of zinc from ores and concentrates in an electrolytic cell.	07-04-90	19/20	130 F	FC.
166362	26-08-85	METALLGESELLSCHAFT AKTIENGESELLSCHAFT.	Process of thermally treating lump or agglomerated materials on a travelling grate.	21-04-90	1/02, 1/20, 1/26.	98-E, 141-A, 141-C & 141-E.	FC.
166372	30-04-86	ALUMINIUM PECHINEY.	Electrolysis tank superstructure with intermediated gantry, for the production of aluminium.	21-04-90	21/06.	130 F	FC.
166537	10-02-87	E.I.DU PONT DE NEMOURS AND COMPANY.	Process for preparing titaniferous ore beneficiates by removing iron values comprising.	26-05-90	1/08, 1/10.	141-B	FC.
166596	14-03-86	THE INTERNATIONAL METALS RECLAMATION COMPANY, INC.	A process for reducing agglomerates.	09-06-90	5/10, 23/02.	130 D	FC.
166635	23-10-86	METALLGESELISCHAFT AKTIENGESELLSCHAFT.	Process of reducing higher metal oxides to lower metaloxides.	30-06-90	5/00.	39-K	FC.
166881	24-06-87	INJECTALL LIMITED.	Improvements in apparatus for injecting substances into molten metals.	04-08-90	9/00.	108-C ₃ , 130-F.	FC.
167132	08-12-87	NIPPON KOKAN KABUSHIKI KAISHA	Method for manufacturing agglomerates of fired pellets.	01-09-90	1/16	141-XXXIII (8)	FC.
167361	08-01-88	METALLGESELLSCHAFT AKTIENGESELLSCHAFT	Process of making binderless briquets from steelworks dusts.	13-01-90	1/24	141-A	FC.
167404	21-05-86	UNION CARBIDE CORPORATION	A Process for preparing agglomerated particulate material.	20-10-90	1/14, 1/244	141-A-GROUP-XXXIII(8)	FC.
167405	21-05-86	UNION CARBIDE CORPORATION.	Process for Preparing agglomerated particulate material.	20-10-90	1/244.	141-A-GROUP-XXXIII(1)	FC.
167409	05-06-86	NIPPON KOKAN KABUSHIKI KAISHA.	Method for continuously manufacturing fired pellets.	20-10-90	1/14.	141-A-GROUP-XXXIII(8)	FC.
167482	25-04-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	A process for the recovery of nickel and cobalt from copper converter slag or their oxidic ores.	10-11-90	23/04	130-F & 141B & D	IC.
167484	01-07-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	An improved process for cold perlettization of chrome ore fine and concentrates.	10-11-90	1/14	141 A&D	IC.
167763	29-07-87	SAMANCOR LIMITED	Process for solid state reduction of chromite ores.	15-12-90	34/32, 1/00.	141-C	FC.

C 22 C : ALLOYS

163336	01-10-85	SEXON RESEARCH AND ENGINEERING COMPANY	A method for producing dispersion strength ened composite metal powders.	20-01-90	21/00	35-E	FC.
155147	20-03-86	THE STANDARD OIL COMPANY	A Process for the synthesis of atleast fifty percent amorphous metal alloy.	17-03-90	29/00	9-D	FC.
155133	3-02-83	THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	A process for the production of a shaped article	19-05-90	21/00, 21/10, 21/12	9-A	FC.

1	2	3	4	5	6	7	
166619	17-12-86	1. MR. HENRIK GIFLO 2. MR. HENRIK GIFLO	Activator mixture for increasing the strength of iron alloys.	16-06-90	38/02, 38/06, 38/12, 38/26, 38/32.	9-D	F.
166791	11-03-87	VSESOJUZNY NAUCHNO- ISS LEDOZATELSKY I PROEKTNY INSTITUT ALJUMINIEVOI, MAGNIE- VOIE ELEKTRODNOI PRO- MYSHLENNOSTI.	Process for producing aluminum silicon alloy with content of silicon of 2-22 % by mass.	21-07-90	21/02	9-A	FC.
166894	29-04-86	ABEX CORPORATION	Method of producing a steel casting with a work-hardening rate of at least 256 ksi.	04-08-90	38/04	9-D- GROUP- XXXIII(I)	FC.
166966	16-7-86	NIPPON STEEL CORPORA- TION	Process for producing continuous cast low carbon resulfurized free cutting steel.	11-08-90	9-D & F		FC.
167174	28-04-86	INLAND STEEL COMPANY	An improved method and device for manufacturing an alloy.	15-09-30	38/00	9D- GROUP- XXXIII(I)	FC.
167229	30-05-88	DEGUSSA AKTIENGESSELL- SCHAFT.	Electrical contacts.	22-09-30	5/06	64-A; 9-D.	BC.
167262	03-02-87	THYSSEN STAHL AG.	A process for the production of steel.	29-09-90	16/00	9-D	BC.
167301	21-03-86	THE STANDARD OIL COMPANY	Process for the formation of an alloy composition capable of reversibly storing hydrogen.	06-10-90	24/00	9-E	FC.
167302	21-03-86	THE STANDARD OIL COM- PANY	Process for the formation of an alloy composition capable of reversibly storing hydrogen.	06-70-90	24/00	9-E	FC.
167422	01-02-88	NIPPON KOKAN KABUSHIKI KAISHA	Method of manufacturing low ferrochromium	27-10-30	33/00 33/04	9C+D-1 F- XXXIII(I)	FC.
167454	22-05-86	AE PLC.	A process for the production of an aluminium based bearing alloy	27-10-90	21/10	15-D & 9-F, GRO- UP-LIV(I) XXXIX (1)	FC.

C 23 : COATING METALLIC MATERIAL; COATING MATERIAL WITH METALLIC MATERIAL; CHEMICAL SURFACE TREATMENT; DIFFUSION TREATMENT OF METALLIC MATERIAL; COATING BY VACUUM EVAPORATION BY SPUTTERING, BY ION IMPELLATION OR BY CHEMICAL VAPOUR DEPOSITION, IN GENERAL; INHIBITING CORROSION OF METALLIC MATERIAL OR INCRUSTATION IN GENERAL.

C 23 C : Coating metallic material; Coating material with metallic material; surface treatment of metallic material by diffusion into the surface by chemical conversion or substitution; Coating by vacuum evaporation by sputtering, by ion implantation or by chemical vapour deposition, in general.

165910	10-12-86	FRIDED KRUPP GESELISCH- AFT MIT DESCHARANKTER HAFTUNG	Process for producing coated molded bodies.	10-02-90	16/00	136-E	FC.
166121	11-02-83	ELECTRO METALLOID CORPORATION	Improved reinforced matrix comprising reinforcing yarns, or tows.	17-03-90	5/00	70-C4	FC.
166201	06-07-87	GREAVES FOSECO LIMITED	Particulate composition and a method for the protection of graphite electrodes of electric arc furnace	31-03-90	4/07, 4/10, 20/28	97BLIX(2) +144B XLII(3)	IC.

1	2	3	4	5	6	7	8
166278	08-10-85	METAL BOX PLC.	A method of Vapour disposition of tin.	07-04-90	14/00	130—F	FC.
166299	29-11-85	V M E I "LENIN"	A device for controlling the thermo-chemical treatment of workpieces, in glow discharge in a treating gas medium.	07-04-90	16/50	40—F	FC.
166336	28-11-85	KOSTECH INTERNATIONAL LIMITED.	Method and apparatus for coating internal surfaces of curved conduits with a layer of protective material.	14-04-90	4/16	155—F	FC.
166403	22-09-86	MUKUND IRON & STEEL WORKS LIMITED	Process for manufacturing coated stainless steel products such as wires, rods and bars suitable for cold heading applications.	28-04-90	23/00	120—C, 108—C ₃	IC.
166794	10-06-87	NAUCHNO-XXX ISSLEDOVATELSKY INSTITUT TEKHNologii AVTOMOBILNOI PROMYSHLENNOSTI (NIITAVTOPROM)	Method of obtaining a coating on elongated workpieces.	21-07-90	10/00	188	FC.
166911	04-06-84	ENERGY CONVERSION DEVICES INC.	An external isolation module in combination with a deposition apparatus in which semiconductor material is deposited onto a substrate.	04-08-90	13/08	70—C ₃ , 206E	FC.
167038	03-09-86	THE LUBERIZOL CORPORATION	Method of coating metal work-piece to produce coated work-piece and the work-piece produce therefrom.	18-08-90	26/00	129—G	FC.
167207	27-10-84	UNION CARBIDE CORPORATION	A method for coating a substrate.	22-09-90	4/06	188	FC.
167208	27-10-84	UNION CARBIDE CORPORATION	A method for coating a substrate.	22-09-90	4/06	188	FC.
167209	27-10-90	UNION CARBIDE CORPORATION	A Process for preparing a coating composition.	22-09-90	4/06	188	FC.
167354	19-03-87	ARMCO INC.	A method of continuously hot dip coating of a ferritic chromium alloy steel strip with aluminium.	13-10-90	2/12	188	FC.
167419	25-10-88	VIJAY YESHWANT MOGHE	An improved apparatus for recoating a strip surface in a continuous hot dipped metal coating process.	20-10-90	2/00	188 XXXIII (9)	I.
167501	27-10-84	UNION CARBIDE CORPORATION	A coating composition.	10-11-90	4/06	188	FC.
167502	27-10-84	UNION CARBIDE CORPORATION	An unsintered powdered coating composition for applying a high strength wear and corrosion resistant coating onto a substrate.	10-11-90	4/06	188	FC.
167503	27-10-84	UNION CARBIDE CORPORATION	An unsintered powdered coating composition for applying a wear and corrosion resistant coating to a substrate.	10-11-90	4/06	188	FC.
167601	23-03-84	PULLUKATTU THOMAS JOSEPH	Method for the preparation of coated metal or metallic alloy articles having enhanced resistance to wear and tear.	24-11-90	20/08	12-B&D-GROUP. XXXIII(2)	I.

1	2	3	4	5	6	7	8
167668	22-02-88	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	An improved process for electroless nickel coating cutting tools dies and moulds.	01-12-90	18/50	188	1C.
167797	16-07-86	ELECTROCHIMICA MARCO GINATTA S.P. A.	Plant for the electrolytic production of reactive metals in mol n salt baths.	22-12-90	18/08	70-B-GRO-UP-LVIII (5)	FC.
167851	08-07-86	INTERNATIONAL PAINT PUBLIC LIMITED COMPANY	Powder coating compositions and process for preparing the same.	29-12-90	22/00	162-E	FC.
C 23 F ; Non-mechanical removal of metallic material from surfaces; inhibiting corrosion of metallic material; Inhibiting incrustation in general; Multi-step processes for surface treatment of metallic material involving at least one process provided for in Class C 23 and at least one process covered by subclass C 21 D or C 22 F or class C 25.							
166218	29-10-85	FRAMATOME & CIE	Process and device for making a corrosion resistant steam tube for a steam generator.	31-03-90	15/00	176-L	FC.
166954	04-02-86	THE DOW CHEMICAL COMPANY	Corrosion inhibitor for high density brines.	11-08-90	11/08	103-GROUP XLV(I)	FC.
166983	31-01-86	HENKEL CORPORATION	Corrosion inhibiting composition for use in aqueous acidic solutions.	18-08-90	11/04	103-GROUP -XLV(I)	FC.
167148	27-03-86	UNION CARBIDE CORPORATION	An aqueous organic polymer containing corrosion inhibiting, metal quenching composition.	08-09-90	11/173	103-GROUP XLV(I)	FC.
C 23 G ; Cleaning or de-greasing of metallic material by chemical methods other than electrolysis.							
165979	03-04-84	NL. INDUSTRIES INC.	A method of preparing aqueous brine on ferrous metal surfaces exposed to said brine.	17-02-90	1/02	170-B	FC.
C 25 ; ELECTROLYTIC OR ELECTROPHORETIC PROCESSES : APPARATUS THEREOF							
C 25 B ; Electrolytic or electrophoretic processes for the production of compounds or nonmetals; Apparatus therefor.							
163784	14-10-85	INDIAN INSTITUTE OF SCIENCE	An anode for use in a fuel cell and the process of preparation thereof.	13-01-90	11/06	14-C	1C
166042	25-03-86	ORONZIO DE NORA IMPIANTI ELETROCHIMICI S.P.A.	Cathode for use in ion-exchange membrane cells for the electrolysis of alkali halide solutions.	03-03-90	11/04	70-B-LVIII(5)	FC.
166066	15-06-87	ALUMINIUM PECHINEY.	Pipes having orientable nipples for furnaces for firing carbonaceous blocks.	10-03-90	11/00	28-B, 70-B, 85-J.	FC.
166506	04-12-85	THE DOW CHEMICAL COMPANY.	A monopolar electrochemical cell.	19-05-90	9/00, 11/00	70-A	FC.
166591	15-01-86	UHDE GMBH.	Electrolyzer for the production of chlorine from alkali metal chloride solution.	09-06-90	9/00, 11/00, 13/02.	70-A	FC.
167053	29-05-84	THE DOW CHEMICAL COMPANY.	A method of making a cathode.	25-08-90	11/04	70-B-GROUP-LVIII(5)	FC.
167372	22-10-86	PENNWALT CORPORATION	A node for brine electrolytes.	20-10-90	11/00	70-B	FC.

1	2	3	4	5	6	7	8
167533	26-05-86	STEARNS ANALYTIC WORLD CORPORATION.	Process for the production of pure alkali metal chloride solution by electrolysis of an alkali metal chloride in a membrane cell.	10-11-90	1/16, 1/26	70 C3 C5 -Group-LVIII(5)	FC.
167546	16-07-86	MEIKON S.A.	Apparatus for the electrolysis of solutions.	10-11-90	1/10	70-B-Group-LVIII(5)	FC.
167646	05-06-87	ALUMINIUM PECHINEY.	Apparatus for optimising combustion in a chamber furnace.	01-12-90	11/00	70-B: 85-J	FC.
C 25 C ; Processes for the electrolytic production, recovery of refining of metals; Apparatus therefor.							
166003	16-12-85	IMPERIAL CHEMICAL INDUSTRIES PLC.	An electrolytic cell.	24-02-90	7/00	70-A	FC.
166170	24-11-86	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.	An improved slurry electrolytic process for the production of high purity iron powder from sponge iron fines.	24-03-90	5/00	9-D	IC.
166308	29-06-87	CHANDRAKANT DNYNDLV LOKHANDE AND DR. SHIVAJI HARIBA PAWAR.	An improved process for the preparation of copper-indium alloys from an aqueous bath on metallic substrates.	07-04-90	1/24, 3/36	70C4-LVIII (5)	IC.
166444	21-10-86	PENNWALT CORPORATION	Electrolytic recovery of lead from scrap.	12-05-90	1/18	70-A & C.	FC.
167435	30-04-86	ALUMINIUM PECHINEY.	A device for electrical connection between two successive cells in a series intended for the production of aluminium.	27-10-90	3/16	70-A-Group-LVIII(5)	FC.
C 25 D ; Process for the electrolytic or electrophoretic production of coatings; Electroforming; Apparatus therefor.							
165742	01-11-85	MIBA GLEITLAGER AKTIENGESELLSCHAFT.	A process for preparing electro-deposited sliding surface layer for a sliding surface bearing.	06-01-90	11/00	70-C5	FC.
166522	30-10-85	BL TECHNOLOGY LIMITED AND ALCAN INTERNATIONAL LIMITED.	A method of manufacturing structures with components formed from aluminium sheet.	26-05-90	11/04	70-C5	FC.
166842	27-01-87	GOULD INC.	A process for producing surface treated metal foil and an apparatus therefor.	28-07-90	3/00	70-C4	FC.
166955	10-02-87	INDIAN SPACE RESEARCH ORGANISATION.	Improvements in or relating to vacuum/electrolytic coating of metals on metallic or dielectric substrate.	11-08-90	5/20	70-C, 5-Group-LVIII(5)	IC.
167135	25-04-88	STATFIELD EQUIPMENTS PVT. LTD.	A device for continuous electrostatic deposition of powder print.	01-09-90	9/00	70-C-4 VIII(5): 173-B-XXIX (2).	IC.
167385	20-05-86	HOECHST AKTIENGESELLSCHAFT	Anode system of sintered titanium strips.	20-10-90	3/50	70-C 6-Group-LVIII(5).	FC.
167413	25-05-87	ION EXCHANGE (INDIA) LTD.	Improvements in or relating to electrolyzer particularly an electrochlorinator.	20-10-90	11/02	141-B-XXXIII(8) & 70-A-LVIII(5)	IC.

1	2	3	4	5	6	7	8
C 25 F : Processes for the electrolytic removal of materials from objects : apparatus therefor.							
166381	11-08-86	MUKUND IRON & STEEL WORKS LIMITED.	Process and apparatus for rapid and continuous electrolytic descaling of stainless steel wire rods.	28-04-90	1/06	70-C ₆	1C.
C 30 : CRYSTAL GROWTH.							
C 30 B : Single-crystal growth; Unidirectional solidification of eutectic materials or unidirectional demixing of eutectoid materials; After-treatment of single crystals; Doping processes for crystals in general; Refining by zone-melting of materials in general; Apparatus therefor.							
165202	13-07-87	DR. SHIVAJI HARIBA PAWAR, DR. CHANDRA-KANT DNYANDEV LOKHANDE.	A method for the preparation of large area semi-conductor thin films.	31-03-90	29/50	31-C LVIII(2)	I
166547	10-06-87	WESTINGHOUSE ELECTRIC CORPORATION.	Improvements in or relating to silicon feed system.	02-06-90	35/00	130-F	FC.
167160	13-10-87	VSESOJUZNY NAUCHNO- ISSLEDOVATELSKY PRO- EKTNIKONSTRUKTORSKY I TEKHNOLIGICHESKY INSTITUT ELEKTROTERM ICHESKOGO OBORUDOVA- NIA (VNIETO).	Process for growing shaped single crystals.	08-09-90	15/00, 15/14	56-C	FC.

Note : Classified list of the complete specification under other "Sections" will be published in due course.

DESIGN

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

Assignments, Licences or other transaction affecting the interest of the original proprietors have been registered in the following case. The each is followed by the names of the applicants for registration :

No. 163931 National Trading Co., 53, Qutab Road, Near Railway Booking Agency, Delhi-6, India, an Indian Partnership Firm, partners are 1. Jagmohan Chhabra, Gajendra Chhabra and Rohit Chhabra, Indians.

DESIGN

CANCELLATION PROCEEDING (SECTION 51-A)

"An application made by The Body Shop International PLC for cancellation of the registration of Registered Design Nos. 162951 to 162953 and 163152 in Class 3 in the name of Boys Town Crafts."

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 163730. Sidwal Refrigeration Industries Pvt Ltd., an Indian Company of Plot 23, Sector 6, Faridabad, Haryana-121006, India. "Air conditioning unit for a railway coach". November 1, 1991.

Class 1. No. 163976. Khaitan (India) Limited, Indian Company of 46C, J. L. Nehru Road, Calcutta-700071, W.B., India. "Electric fan regulator". January 1, 1992.

Class 1. No. 164129 & 164130. Banko Surgico, Naya Bazar, Bhiwani, Haryana, India, Indian Partnership Firm. "Operation theatre operating light with exhaust fan". February 24, 1992.

Class 3. No. 163755. Telefonica de Espana, S.A., a Spanish Company of Gran Via, 28 28013 Madrid, Spain. "Guide for cables". November 6, 1991.

Class 3. No. 163800. Ceat Limited, Electronics Division, Dr. Shirodkar Road, Parel, Bombay-400012 Maharashtra, India, Indian Company. "Transistor Radio". November 19, 1991.

Class 3. No. 163878. Chinar Trust, of C-37, Connaught Place, New Delhi-110001, India, Indian Trust. "Toast-n-Grill". November 28, 1991.

Class 3. No. 163977. Khaitan (India) Ltd., Indian Company of 4C, J. L. Nehru Road, Calcutta-700001, W.B., India. "Electric Fan Regulator". January 1, 1992.

Class 3. No. 164059. Ambitious Brands, a proprietary firm of 4-Malka Ganj, Delhi-110007, India. "Pen". February 3, 1992.

Class 3 Nos. 164155 & 164156. Schoeller-Plast AG, a joint stock co. of 11 route de la Condemine, CH-1680 Romonti Switzerland. "Bottle case". March 12, 1992.

Class 3. No. 164181. MRF Ltd. of 124, Greams Road, Madras-600006 T. N., India, Indian Company. "Tyre" March 25, 1992.

Extension of copyright for the 2nd period o five years.

Nos. 163253 & 158127

Class 1.

Nos. 158247, 158308, 158143 & 158580

Class 3.

No. 157884

Class 4.

Nos. 162413 & 162414

Class 5.

Nos. 158754, 158755 & 158756

Class 12.

Extension of copyright for the 3rd period of five years.

Nos. 163253, 13559 & 152006

Class 1.

Nos. 158580, 158247, 151746, 151747, 158143 & 152007.

Class 3

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Class 5.

R. A. ACHARYA

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